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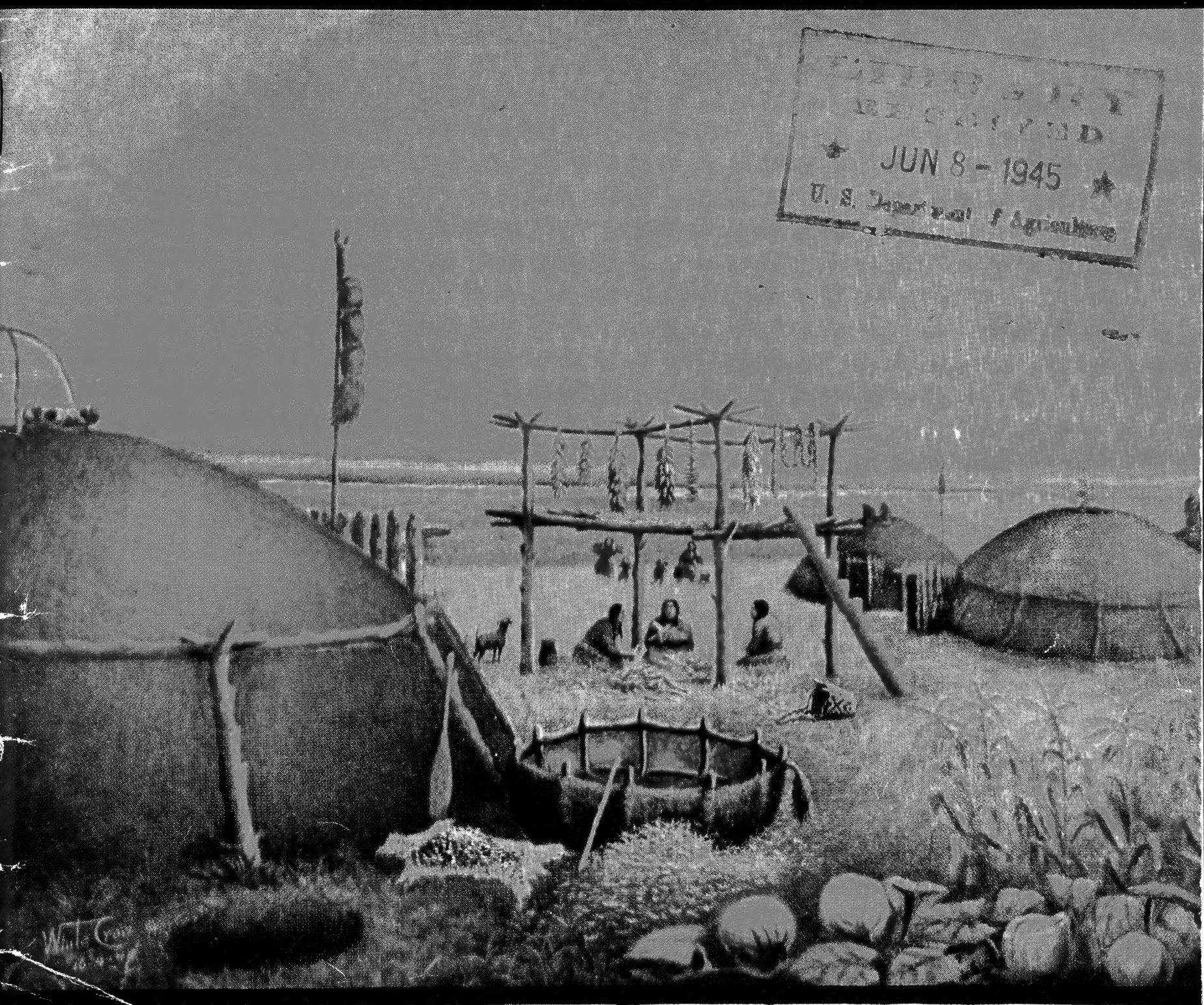
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1883 - 62ND ANNUAL CATALOG - 1945

OSCAR H. WILL & CO.

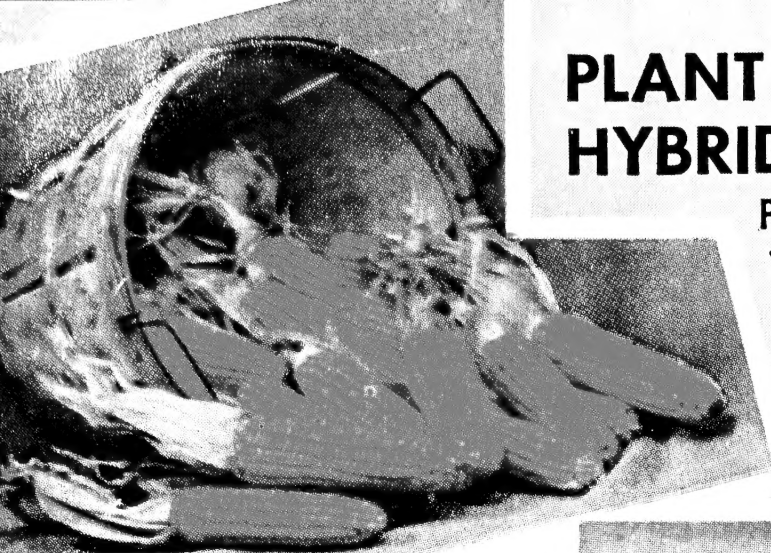


BISMARCK, NORTH DAKOTA



PIONEER SEED HOUSE NURSERY
& GREENHOUSES OF THE NORTHWEST

SEED CORN SPECIALISTS SEEDS-TREES-PLANTS



PLANT WILL'S PIONEER HYBRID "A" SEED CORN

Produced by us
from Falconer In-
breds. Stands up
well—ears high
on the stalks.
Yield very
heavy.



WILL'S PIONEER HYBRIDS

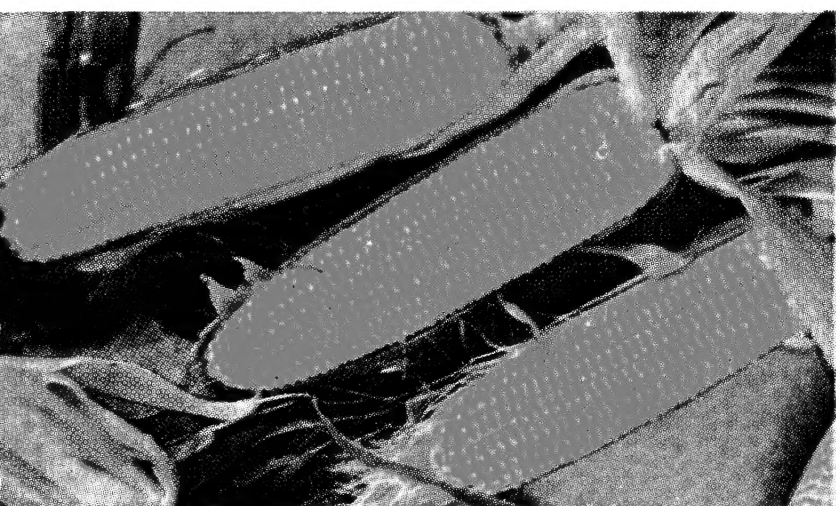
are bred and produced
by ourselves right here
in Burleigh County
from inbreds of hardy,
acclimated corn vari-
eties, such as Falconer,



At work in our inbreeding plot where the best
parents for hybrids are selected.

Northwestern Dent,
Alta Dent, Crimmins
White Dent.

If you are a progressive
farmer, you will try
Will's Pioneer Hybrid
Corn. See Page 47 for
other hybrids.



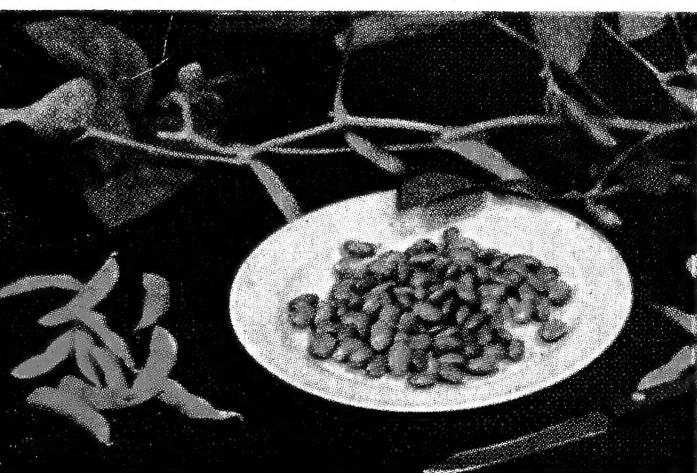
PICKA- NINNY.

Sweetest of
all early
sweet varie-
ties and
earliest of
them all.

See page 24.



PIONEER SUN HYBRID. Tops in size, eating
quality, earliness and yield. See page 24.



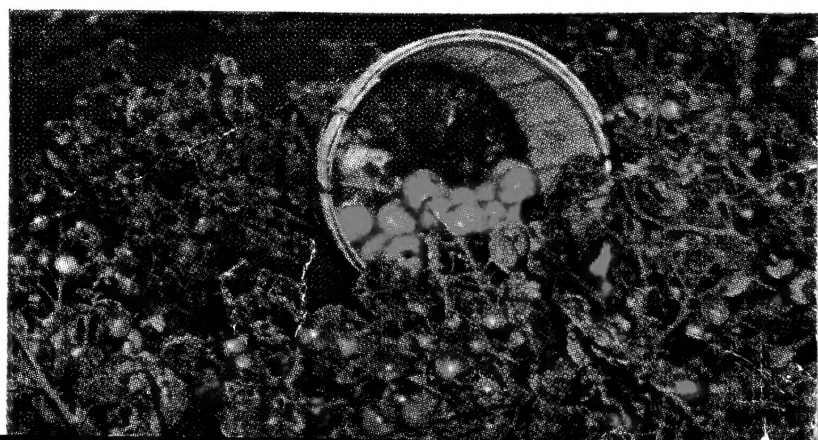
KABOTT EDIBLE SOY BEANS

Early and
Delicious

See page 16



WINDOW BOX. Newest, early compact, high quality
tomato from Dr. Yeager. Plant small, of a size to be grown
in a flower pot or window box indoors. Fruit borne in
profusion all over the plant. Slightly smaller than Chat-
ham in size. A real addition to our list. **Pkt. 15c.** See
page 45.



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YOU will be delighted and wonder how these two great up-to-the-minute illustrated magazines, now printed together, can cost so little. It's for all — men, women, boys and girls, — clean and wholesome, no liquor advertisements.

Farm Journal and Farmer's Wife, Dept. C, Phila., Pa.

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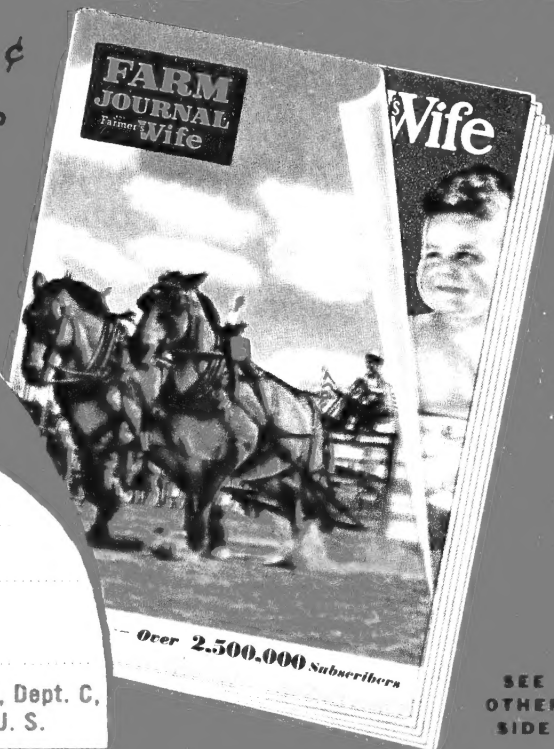
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IMPORTANT: Send coupon direct to Farm Journal and Farmer's Wife, Dept. C, Philadelphia 5, Pa., with remittance (at our risk). Offer good only in U. S.



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OTHER
SIDE

shall in the coming season do our best to remedy deficiencies in our organ

TAKE YOUR CHOICE

60

MONTHS

\$1

More For Your Money

—Send \$1.00 for 60

months and protect

against price in-

crease and save

money. Or 25c gives

you 12 big issues, big-

gest value ever for a Quarter.

12

MONTHS

25c

WORLD'S LARGEST FARM MAGAZINE

Farm Journal and Farmer's Wife is published monthly; big issues; new timely features; fine pictures, beautiful colored covers. Brief, easy to read, 68 years old. Largest subscription list in the world, — over 2,500,000 copies monthly from Maine to California.

Something for the Whole Family

For folks who live in the Country and love the Country. This fastest printed Month Ahead-Magazine gets the important news to you first when valuable and useful.

Farm Journal section: Latest ideas in farm practice, equipment and machinery repairs, livestock, dairying, poultry, crops, orchard, garden, and everything about the farm. Will keep you up-to-date on post-war changes affecting your farming operations. Latest Washington news important to farmers.

Farmer's Wife section carries new practical ideas on home decorations, fashions, fancywork, health and beauty. Canning, foods recipes tested in our own Farm Kitchen. Features on country life. Farm Women's letters, etc. Fiction by nationally known authors.

Youth section: Latest 4-H Club and FFA news, answers to youths' problems, grooming, etiquette, parties, games, movies, sports, aviation, hobbies, success stories, money-making ideas, jokes, cartoons, etc.

LATE AND IMPORTANT "LETTER" EVERY ISSUE;
DIGESTS FUTURE TRENDS IN BUSINESS OF FARMING.

Mail this Coupon today with remittance
(at our risk), direct to Farm Journal and
Farmer's Wife, Dept. C., Philadelphia 5, Pa.

Recommended by

OSCAR H. WILL & CO.

Pioneer Seed House & Nursery

IF YOU ARE NOW A SUBSCRIBER, YOU MAY MAIL OR
GIVE THIS VALUABLE COUPON TO A FRIEND WHO IS NOT.



ONCE more we present to you our annual Catalog, the one for 1945. For sixty-four years, Will's Pioneer Seed House has been serving the Northern Plains and breeding, growing, introducing and selecting varieties of vegetables, grains, fruits, shade trees and shrubs adapted to Northern Plains conditions.

It is said that we are on the threshold of a new international world, and there is no doubt that all nations on the earth have been more closely linked into a vastly smaller area by transportation changes and by closer acquaintanceship as a result of the events of the past half dozen years.

Physically, however, the world is the same old place and the scattered human animals which continue to infest it can survive only by consuming the crops which by nature's bounty they are permitted to produce. Agriculture will still be the foundation of human progress, culture and civilization, and we in the Northern Plains have a large part to play in keeping that foundation firm.

We believe that our long experience in studying our Northern Plains accords to us a position of some value in serving an important agricultural area where earliness, hardiness and vigor are outstandingly required qualities. We hope to continue that service with increasing mutual benefit to ourselves and our home area for many years.

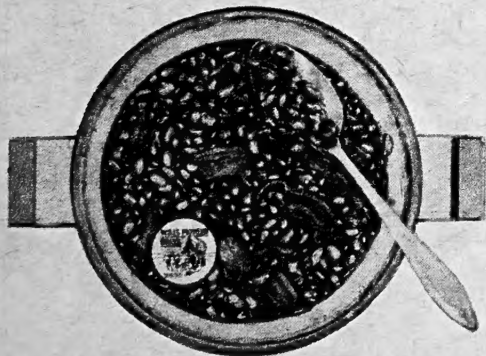
May we all strive toward the union and advancement of the people of our earth in the years to come with fortitude, determination and clear hope.

To all of our customers we wish to offer our apologies for the many instances of mishandling and carelessness which were all too evident in the filling of last year's orders. We shall in the coming season do our best to remedy deficiencies in our organization, so far as is physically possible. We believe that the peak in labor inefficiency and indifference has passed. We still have a fine group of experienced and dependable employees in key positions and we are preparing to handle business for the coming season with promptness, accuracy and efficiency.

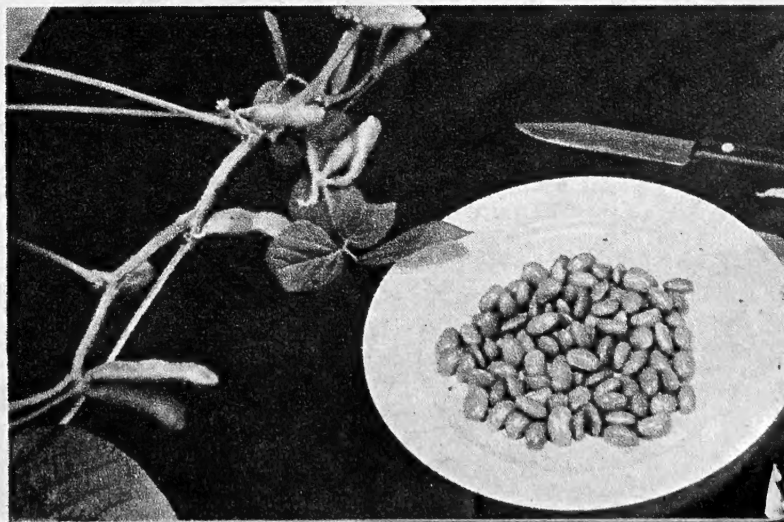
THE NEW, DELICIOUS GARDEN ADDITION—VEGETABLE SOY BEANS

Send for our leaflet on cooking and preparing them.

We have four very early varieties all of our own growing. Those varieties are **Kabott, Agate, Sioux and Hidatsa**. Specify the kind you wish. If sold out one of the other sorts will be sent. Order early to be sure of your choice. Pkt., 5c; $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 23c; lb., 40c, postpaid. F.o.b. here, 10 lbs., \$2.00.



Soy beans may be used as a green vegetable when they taste much like green Limas. They are also very tasty baked or boiled. They are high in protein and digestible fats and in vitamins.



FREE**PREMIUMS**

With every order for vegetable and flower seeds of \$20.00 or more, for seed grain or nursery stock of \$30.00 or more we shall be glad to furnish on request two pairs of serviceable brown cloth gloves. Thermometers cannot be obtained for the duration.

In place of the gloves, for those preferring it, we can send the following book:

Guide to Corn Growing in the American and Canadian Northwest. (Sales price, 50c.) A complete handbook of Corn History, Corn Breeding, Corn Growing, Corn Varieties, and the handling of the crop; in popular form and non-technical language. Deals with all matters relating to corn production under the special requirements of Northwestern and Northern Great Plains conditions.

GENERAL INFORMATION**BE SURE TO ORDER EARLY AND AVOID DELAYS & DISAPPOINTMENTS**

All prices quoted are subject to change without notice. Any tax which may be imposed after the printing of this catalog upon items listed must be added by the customer to the quoted price.

Prices quoted on items covered by price ceilings are at ceiling or below.

HOW TO SEND MONEY. Remittance should be made by **Postoffice** or **Express Money Order** or by **Bank Draft**. Personal checks on banks are accepted, but customers must pay exchange and collection charge of 5 cents. U. S. stamps are accepted.

ALASKA customers are asked to send drafts, money orders or stamps for small amounts. Exchange rates on Alaska checks are prohibitive.

C.O.D. We fill C.O.D. orders only when 25% of the amount is sent. We do not accept any C.O.D. orders for perishable goods.

DELIVERY OF GOODS. Goods may be sent by mail, express or freight. Postpaid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70 lbs. Weight limit for Parcel Post to Canada 15 lbs. at 14c per lb. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

EXPRESS AND FREIGHT. Quotation F. O. B. here means that we deliver the goods to the express or railway company. The purchaser pays all transportation charges on receipt of goods. On moderate sized orders we advise express shipment rather than freight. All prices are F. O. B. here unless quoted postpaid.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before accepting it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We can not insure plants and nursery stock so there is no recourse in case of delay and injury when mailed.

PACKING. No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

KEEP A COPY OF YOUR ORDER. Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with goods or notices sent.

MISTAKES. These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods until you hear from us.

Notify us if you hear nothing of your order within a reasonable time.

OUR RESPONSIBILITY. It is so manifestly impossible for a seller of any perishable goods to be

responsible for what happens to them after they leave his hands, especially goods like seeds and plants which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

We wish it understood that all goods are sold under the following general non-warranty.

We give no warranty, express or implied, as to the productiveness of any seeds, trees, plants or bulbs we sell and we will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented we should be notified at once and an immediate adjustment will be made.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station, we are glad to replace or refund. We do not guarantee nursery stock and plants after being taken from the express office, but are always willing to give attention to just claims for loss.

PARCEL POST RATES

Limit of weight, 70 lbs.

If You Do Not Know Which Zone Rate Applies, Consult Your Postmaster.

For Zones 1 and 2—One pound is 8c; 2 lbs., 10c. Add 1c per pound to 10c for each additional pound weight or fractional pound of the package. Thus 7 pounds will be 10c plus 5 additional pounds at 1c per pound, or 15c.

Zone 3—One pound is 9c. For each additional pound add 2c.

Zone 4—One pound is 10c. For each additional pound add 3.5c.

Zone 5—One pound is 11c. For each additional pound add 5.3c.

Zone 6—One pound is 12c. For each additional pound add 7c.

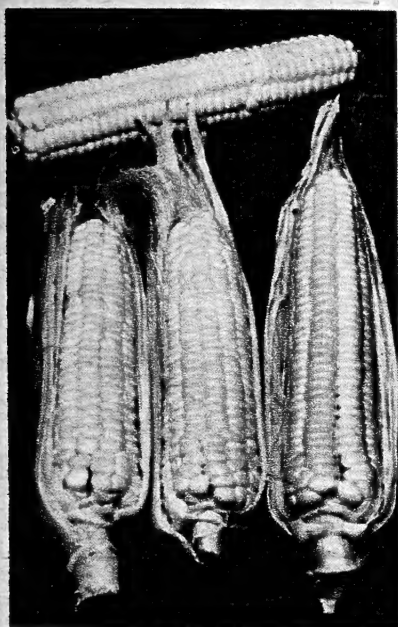
Zone 7—One pound is 14c. For each additional pound add 9c.

Zone 8—One pound is 15c. For each additional pound add 11c.

This zone rate covers all Alaska parcels. No Alaska parcel may be longer than 18 inches.

North Dakota residents must pay 2% sales tax except on seed, vegetable plants and feed.

OUTSTANDING ITEMS FOR NORTHERN PLANTERS



Early June

WILL'S EARLY JUNE SWEET CORN. A delicious and very early dwarf sweet corn, earliest of all white varieties. The 6 inch, eight rowed ears are uniform and popular. Postpaid, pkt. 5c; $\frac{1}{4}$ lb. 14c; $\frac{1}{2}$ lb. 23c; 1 lb. 39c, F. O. B. here; 5 lbs. \$1.20; 10 lbs. \$2.30; 50 lbs. \$10.50.

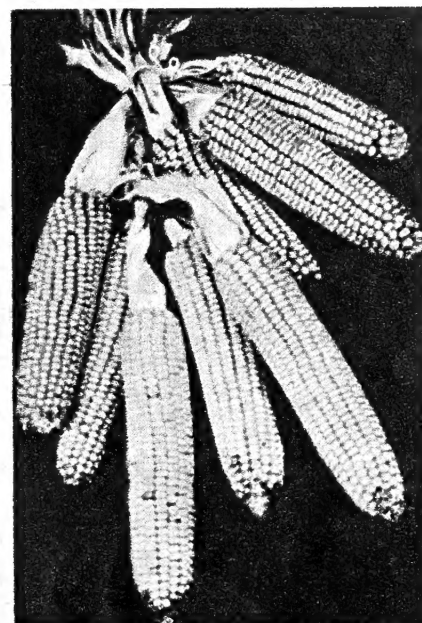
BATO EARLY SOY BEANS — FROM SWEDISH PLANT BREEDERS.

This fine variety we obtained several years ago from a prominent Swedish seed firm and we have finally increased it to saleable quantities. It is very early, a tall, heavy grower with lots of foliage. The Beans are larger than the average. The best field soy bean for our section that we have found. Postpaid, pkt. 5c; $\frac{1}{4}$ lb., 14c; 1 lb., 35c; F. O. B. here; 5 lbs., \$1.00; 10 lbs. \$1.75.

Bato Soy Beans

NODAK HYBRID No. 203

SEED CORN. This extra early pure yellow dent hybrid from the North Dakota Agricultural College has been so far the most successful of the Nodak Hybrids with us and we consider it well adapted to our territory. Postpaid, 1 lb. 50c, F. O. B. here; 7 lbs. (enough for one acre) \$1.40; $\frac{1}{2}$ bu., \$5.50; bu., \$10.00. Prices are for large and medium flat.



Nodak Hybrid No. 203



Buffalo or Bullberry

BUFFALO or BULLBERRY. An excellent hedge plant with its thorny twigs; makes an enduring screen, a fine specimen shrub and a useful producer of fruit which yields one of the finest flavored jellies in the world. a hardy native with silvery foliage. 3 to 4 ft., each, 40c; 10, \$3.50; 4 to 6 ft., each, 50c; 10, \$4.00; 6 to 8 ft., each 60c; 10, \$5.50.

NUETTA

The Hardest Sweet Corn, and The Most Productive Variety We Have. The dry seed is red, but when fit for table, the 7 inch long, 8 to 10 rowed ears are a rich golden yellow. Our original seed was obtained from a Mandan Indian 37 years ago. Nuetta yields well under harsh dry conditions, meets the requirements of the mountain country and gives excellent results in the moist climate of the Pacific Coast. Pkt., 5c; $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 23c; 1 lb., 39c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30; 50 lbs., \$10.50; 100 lbs., \$20.00.



New Hampshire Victor

NEW HAMPSHIRE VICTOR TOMATO.

An improved Victor from Dr. Yeager's plant breeding workshop in New Hampshire, a real advance over the standard Victor, adapted to cool short seasons. Pkt. 20c.



Nuetta Sweet Corn

LUE SALAD POTATO. A novelty esteemed especially for preparing fanciful colored salads. These rather long, slender potatoes are dark blue from the outside to the heart. Try a few in a corner of the garden. Postpaid 1 lb. 30c. F. O. B. here; 5 lbs. 50c.

VIBURNUM - LENTAGO OR SHEEPBERRY.

One of our most beautiful large natives; flowers in June, bright glossy green leaves all Summer and shiny black berries and brilliant red leaves in autumn. Grows 8 to 10 ft. tall. A good background shrub and screen plant. F. O. B. here, 3 to 4 ft. each, 40c; 10, \$3.70.

Viburnum Lentago



All Flower Seed Postpaid

Something
Extra of Our
Own Selection
Will Be
Included with
Every Order
for Garden
or
Flower Seed
Over 25 cts.

Will's Flower Seed

Pompon
Mixed
Zinnia

Rosy Morn
Petunia

Emperor
Mixed
Salpiglossis

Dahlia
Flowered
Zinnia

Guinea Gold
Marigold

Sensation
Mixed Cosmos

Double Blue
Bachelor Button

Annual
Mixed
Larkspur

Little Gem Alyssum

Blue Perfection
Ageratum

Golden Glean
Nasturtium

A Suggested
Planting Arrangement
for Items in the Collection

80c For Cutting
or Bedding

WILL'S GLORIOUS FLOWER COLLECTION 80c

11 Packets of Will's Flower Seeds, One Each of the Following:

Blue Perfection Ageratum
Little Gem Alyssum
Double Blue Bachelor Button
Sensation Mixed Cosmos
Annual Mixed Larkspur

Guinea Gold Marigold
Golden Glean Nasturtium
Rosy Morn Petunia
Emperor Mixed Salpiglossis
Dahlia Flowered Zinnia

Pompon Mixed Zinnia
With Cultural Directions and Plan for
Bed Planting.
THE COLLECTION FOR 80c.



Antirrhinum—Snapdragon

AGERATUM — Blue Perfection (A). One of the best border and bedding plants, 10 inches tall, quick growing and flowering freely from early summer to frost. Pkt., 10c; ¼ oz., 55c.

ALYSSUM (A). One of the finest annuals we have for edging. Compact plants, six inches high, completely covered with bloom throughout the season.

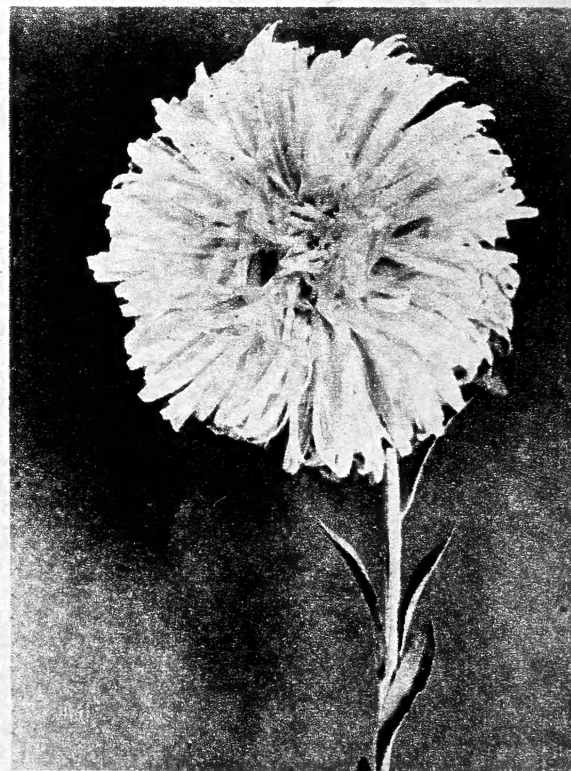
LITTLE GEM. Honey scented white blooms. Pkt., 10c; ½ oz., 45c; oz., 80c.

VIOLET QUEEN. Deep lavender lilac blossoms. Pkt., 10c; ½ oz., 25c.

ANTIRRHINUM— SNAPDRAGON

MAJOR MIXED. (A*). The best in Snapdragons — Rust resistant. Can be sown outdoors with good results, but for early blooming should be started inside. Splendid for cutting, our mixture is unexcelled. Pkt., 15c; ¼ oz., 50c; ½ oz., 90c.

ASTERS. The old favorite China Aster brought up to date. (A*).



Improved Crego Aster

IMPROVED CREGO—WILT RESISTANT. A beautiful mid-season sort, growing 2 feet tall, with large blooms borne on long stems. CRIMSON, WHITE, AZURE BLUE and MIXED. Pkt., 10c; ¼ oz., 50c. One packet each of the three straight colors, 25c.

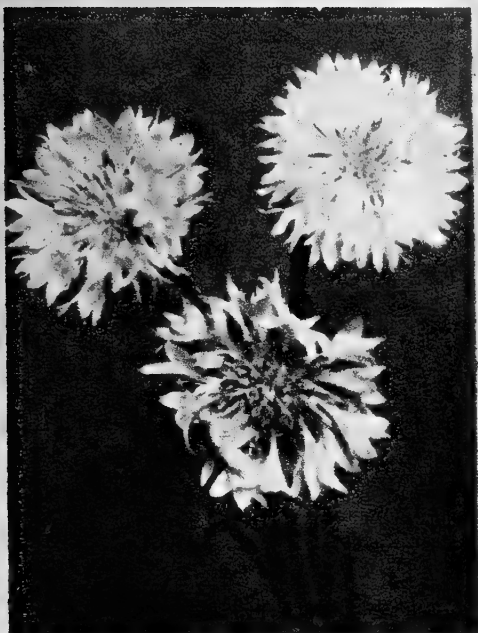
IMBRICATED POMPON—FINEST MIXED. Mid-August flowering, upright 12 to 14 inch plants, bearing small round cushioned flowers, excellent for cutting and popular with florists. Pkt., 20c; ¼ oz., \$1.75.

For Aster Plants, see page 56.

Customers living in North Dakota must add two per cent for sales tax to their remittances for nursery stock, decorative greenhouse stock, insecticides, tools and supplies. This tax does not apply to seeds, feeds, onion plants or vegetable plants.

KEY TO SYMBOLS

- (A) Annuals.
- (B) Biennials.
- (P) Perennials.
- (T) Tender.
- (C) Climbers.
- * For cutting.



Bachelor's Button

Bachelor's Button (A*)

CORN FLOWER—CENTAUREA CY-ANUS. Easy to grow and blooms continuously. One of the most attractive hardy annuals.

DOUBLE BLUE, RED BOY and SNOW MAN. Each, Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 60c. Three packets, one of each color, 25c.

DOUBLE MIXED. Pkt., 10c; $\frac{1}{4}$ oz., 20c.



Double Camellia-Flowered Balsam

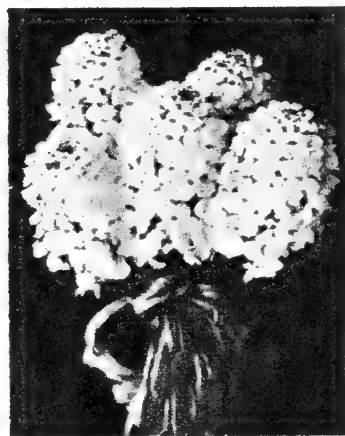
BALSAM. Double Camellia Flowered Mixed. (A). An old favorite, the bushy plants develop rapidly and the double flowers cluster showily along the main stalk. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Rose or Gardenia Flowered. Also known as Bush Balsam. An attractive dwarf plant—fine in borders. The Roselike blooms cluster at the tops of the stems. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

BEANS—SCARLET RUNNER. (A-C). A rapid growing climber, reaching a height of 10 to 12 feet, and bearing sprays of brilliant scarlet pealike blossoms. Good for snap or green shell Beans and an ideal fence cover. Pkt., 10c; $\frac{1}{4}$ lb., 16c; $\frac{1}{2}$ lb., 28c; 1 lb., 50c.



Calendula—Sunshine



Giant Flowering Candytuft

CALLIOPSIS—MIXED. (A*). A graceful, showy, sunshine loving plant, blooming from June to frost. The colors range through yellow to rich brown. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

CAMPANULA—CANTERBURY BELLS—Annual Finest Mixed. (A). With this new annual type started indoors in early spring, we can enjoy the glory of these dainty bell like blooms the same summer. Pkt., 10c; $\frac{1}{4}$ oz., 45c.

CALENDULA

POT or SCOTCH MARIGOLD. (A*). Growing anywhere and blooming from early summer until frost, this is one of the most honest and satisfactory flowers we have.

Orange King. A deep orange and very double. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Sunshine or Chrysanth. A newer type of Calendula, long stemmed Chrysanthemum shaped large buttercup yellow flowers. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

CANDYTUFT (A*)

Easily grown dwarf plants, blooming throughout the summer, fine for edging, beds and borders.

GIANT WHITE HYACINTH FLOWERED. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

GIANT FLOWERING MIXED. Pkt., 10c; $\frac{1}{2}$ oz., 20c.



Carnation—Marguerite

CARNATION

(P*). These spicily fragrant flowers should be started indoors and while perennials are best sown each year. Plants may be cut back in fall and potted for winter blooming.

MARGUERITE MIXED. Very double abundant blooms with good stems. Pkt., 10c; $\frac{1}{4}$ oz., 70c.

CHABAUD MIXED. Upright, robust plants, with extra large flowers. Pkt., 15c; $\frac{1}{8}$ oz., 55c; $\frac{1}{4}$ oz., \$1.00.

CHINESE LANTERN PLANT (Physalis Franchetti) (P). Produces lantern-like fruits that turn bright orange red when ripe. They should then be cut, the leaves trimmed, and the fruits will retain their color through the winter. Pkt., 10c; $\frac{1}{4}$ oz., 65c.

CELOSIA—COCKSCOMB

(A). A very showy and colorful group, easily grown and readily dried for winter bouquets.

DWARF CRESTED MIXED (Cristata). Plants 1 foot tall topped by large ruffled cockscombs. Color range from yellow through red. Pkt., 10c; $\frac{1}{4}$ oz., 55c.

OSTRICH PLUMED or FEATHERED MIXED (Plumosa). 2 to 3 feet plants, with graceful stately plumes resembling ostrich feathers above the foliage. Pkt., 8c; $\frac{1}{4}$ oz., 45c.

CHINESE WOOLFLOWER MIXED (Childsii). Plants grow from 2 to 3 feet high with flower heads resembling bright colored loose balls of wool. Pkt., 10c; $\frac{1}{4}$ oz., 45c.

CENTUREA IMPERIALIS. GIANT SWEET

SULTAN (A*). The large, sweet scented, thistle-like blooms are borne on long, strong stems. Our well balanced mixture is fine for cutting. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

CHRYSANTHEMUM — ANNUAL (A*). The large, double flowers bloom in late summer. Pkt., 10c.

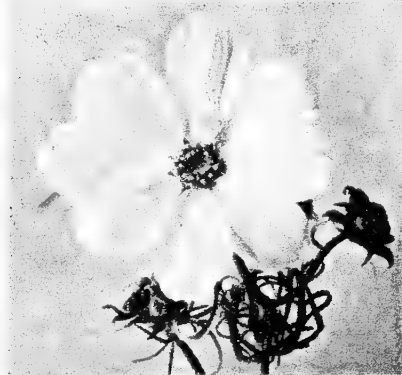
If you wish any sort of Flower Seed not listed here, ask us about it. If we cannot supply it, we'll try to tell you where it may be obtained.



Dianthus—Chinese Pink.



Double Crested Cosmos.



Sensation Cosmos.

WILD CUCUMBER

(A-C). The quickest growing climber we have. Fragrant white flowers are followed by ornamental prickly seed pods. Pkt., 10c; oz., 25c; ½ lb., 75c.

CYPRESS VINE (A-C). An attractive climber with dark green feathery foliage and star shaped flowers. Pkt., 10c; ½ oz., 25c.

DAHLIA

UNWIN'S DWARF HYBRIDS (TP*). Blooms in 60 days from seed. Plants are 2 feet tall with semi-double flowers, 3 inches across. Tubers are produced which may be saved. Pkt., 15c.

DIGITALIS—FOXGLOVE (P). Easily grown semi-hardy, stately perennial reaching height of from 2



Unwin's Dahlia.

DIANTHUS

An abundant and brilliant bloomer, averaging 1 foot high, adapted to borders, beds, and rock gardens.

CHINESE PINK MIXTURE (A*). Our double mixture covers the complete color range and includes not only the old standard sorts, but all the newest spotted, striped and fringed varieties. Pkt., 10c; ¼ oz., 35c.

GRASS or CLOVE PINK MIXTURE (P*). Hardy, with grassy foliage and thin wiry stems, our Plumarius mixture includes both single and double blooms of this spicily fragrant and deeply fringed flower favorite. Pkt., 10c; ¼ oz., 45c.

CLARKIA—DOUBLE MIXED (A*). Graceful plants with richly colored double rosette-like flowers almost covering the upright branches. Blooms from July to frost and does well everywhere. Pkt., 10c; ¼ oz., 50c.

COBOEA SCANDENS—CATHEDRAL BELLS (A-C). A most handsome and rapid growing climber. The flowers are large and bell shaped. Pkt., 10c; ¼ oz., 45c.

COLUMBINE — AQUILEGIA — LONG SPURRED MIXTURE (P). A hardy, graceful, June blooming perennial. 2 feet high. The dainty, long spurred flowers of our mixture range in color from purple through yellows to white. Pkt., 15c; ¼ oz., 75c.

For Columbine Roots, See Page 69.

COREOPSIS—DOUBLE FLOWERING (P*). Vigorous and free blooming with large orange yellow flowers on long graceful stems. Pkt., 10c.

COSMOS

(A*). Growing 4 to 5 feet tall, branching freely with feathery foliage and blooming abundantly from late July until frost, Cosmos is especially effective in screens and borders.

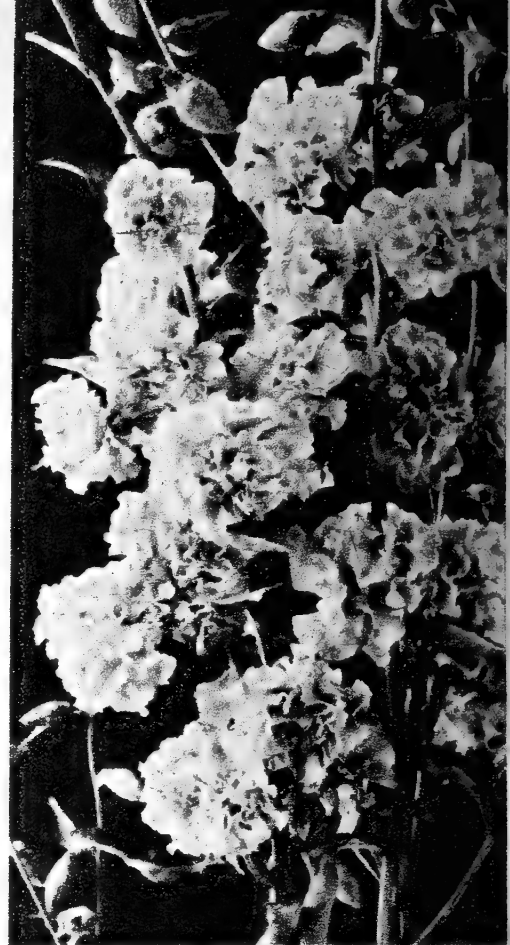
SENSATION MIXED. Extra Early Giant Flowering with blooms 4 to 5 inches in diameter. Pkt., 10c; ¼ oz., 35c.

ORANGE FLARE. Brilliant orange flowers—free blooming. Pkt., 10c; ¼ oz., 25c.

EARLY MAMMOTH FLOWERING

SINGLE MIXED. Blooming early enough to satisfy the wants of flower lovers in this section. Tall plants with huge blooms. Pkt., 10c; ¼ oz., 20c; oz., 55c.

EARLY FLOWERING DOUBLE CRESTED MIXED. Sometimes called Anemone flowered, this is one of the finest Cosmos for cutting. About 65% of the blooms are double. Pkt., 15c; ¼ oz., 85c.



Clarkia—Double Mixed.



Single Early Cosmos.

DAISIES

SHASTA DAISY—Alaska (P*). Can be grown out of doors anywhere with light winter protection. The flowers are large with glistening white petals and small golden centers. Pkt., 10c; ¼ oz., 60c.

ANNUAL PAINTED DAISY—Tricolor Finest Mixed (A). Easily grown with wide range of colors and zoning, outstanding as a cut flower. Pkt., 10c; ¼ oz., 20c.

For Shasta and Perennial Painted Daisy Roots, See Page 69.

AFRICAN DAISY — Dimorphotheca Aurantiaca Hybrids (A*). An easily grown, beautiful and extremely showy annual from South Africa. Plants grow 1 foot high and enjoy a sunny location. This is one of the loveliest of flowers. Pkt., 10c; ¼ oz., 45c.



African Daisy.

FOUR O'CLOCK



Four O'clock

Marvel of Peru (A). An old fashioned, bushy, thrifty plant with bright blooms opening in afternoon and on cloudy days. Freely flowering from midsummer to frost. A fine annual hedge. Pkt., 10c; oz., 40c.

GAILLARDIA—Blanket Flower (P*). This hardy native perennial blooms from July until frost. Thriving anywhere, this gives you combinations of yellow and red. Pkt., 10c; ¼ oz., 30c.

GERANIUM (TP). Sown early in the spring, indoors, these are easily raised from seed and frequently reward the cultivator with charming new colorings. Our mixture is of the largest and finest strains. Pkt., 15c.

FORGET-ME-NOT (P). Best treated as an annual in this section, although it often winters with some protection. The dainty, clear blue flowers flourish in partial shade. Pkt., 15c.



Pioneer
Double
Hollyhock

(AC). A valuable class of annual climbers. If allowed to ripen on the vines, the gourds can be kept for months as unique ornaments. Directions for keeping Gourds on request.

SMALL FRUITED MIXED. All shapes, colors and markings. Pkt., 10c; oz., 25c.

LARGE FRUITED MIXED. Pkt., 10c; oz., 25c.

GYPSOPHILA. Thrive almost anywhere and give a charming misty effect in bouquet or border with their many tiny blossoms.

ELEGANS GRANDIFLORA ALBA—Angel's Breath (A*). Pure white, large flowered. Pkt., 10c; ½ oz., 25c.

PANICULATA—Baby's Breath (P*). Fine white flowers in June and July. May be dried for winter bouquets. Pkt., 10c; ¼ oz., 25c.

HELICHRYSUM—DOUBLE STRAWFLOWER or EVERLASTING (A*). The finest and most widely grown of all Everlastings. Ornamental when growing with its wide range of color and much prized for winter bouquets. Pkt., 10c; ¼ oz., 35c.

HELIOTROPE—Mixed (TA). Fragrant, beautiful and long blooming it is easily grown and fine for either bedding or pot plant. Pkt., 15c; ¼ oz., \$1.15.

HOLLYHOCK

Among shrubs, as screen or background, the tall and stately Hollyhock has its place in every garden.

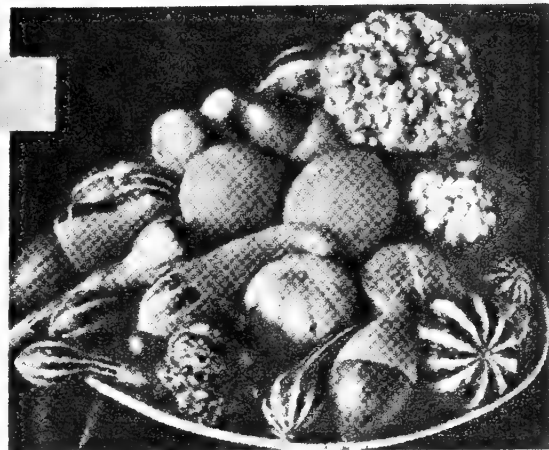
PIONEER—Double Mixed (P). This will not bloom the first year unless planted indoors by March. Our mixture comprises all shades. Pkt., 10c; ¼ oz., 70c.

BISMARCK—Single Mixture (P). The single sorts are slightly hardier and more vigorous than the doubles. Our mixture is equal to any. Pkt., 10c; ¼ oz., 25c.

ANNUAL—INDIAN SPRING. (1939 All American Silver Medal Winner.) If planted early in spring will bloom the same year. The blooms are large, fringed and semi-double, in pink and rose shades. Pkt. 10c; ¼ oz., 45c.

For Hollyhock Roots See Page 69.

ICE PLANT—Mesembryanthemum Crystallinum (A). A trailing plant with singular icy foliage. Especially useful in rock garden. Pkt., 10c.



Small Fruited Gourds



Helichrysum

ANNUAL LARKSPUR GIANT IMPERIAL MIXED

The long spikes of gay double blooms and finely cut feathery foliage make Larkspur one of our most valuable garden flowers. Pkt., 10c; ¼ oz., 25c.

DELPHINIUM-PERENNIAL LARKSPUR

PACIFIC GIANTS. A remarkable strain with immense spikes and extremely large and well formed flowers, mostly double. Pkt., 30c; 2 pkts., 55c.

GOLD MEDAL MIXTURE. A fine mixture running in color from the lightest shade of lavender to indigo blue. Pkt., 10c; ¼ oz., 70c.

NEW ZEALAND DWARF. A profuse bloomer, growing 18 inches high. The flowers are dark blue. Pkt., 10c; ¼ oz., 50c.

For Perennial Larkspur Roots, See Page 67.

LAVATERA-MALLOW

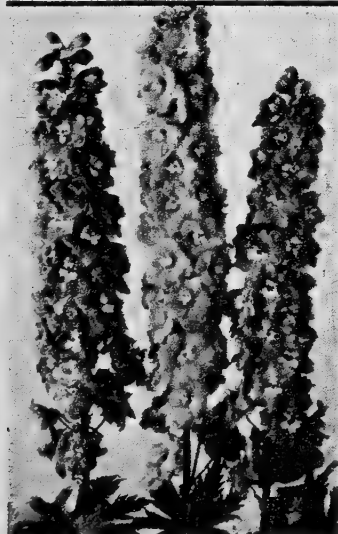
ROSEA SPLENDENS—SWISS ROSE (A*). An annual Mallow with very large, bright, rose flowers, showy and effective for border and cutting. Pkt., 10c; ¼ oz., 20c.

PERENNIAL SIBERIAN (P.) A beautiful, giant, hardy pink Mallow brought from Siberia by Professor N. E. Hansen. Pkt. 10c.

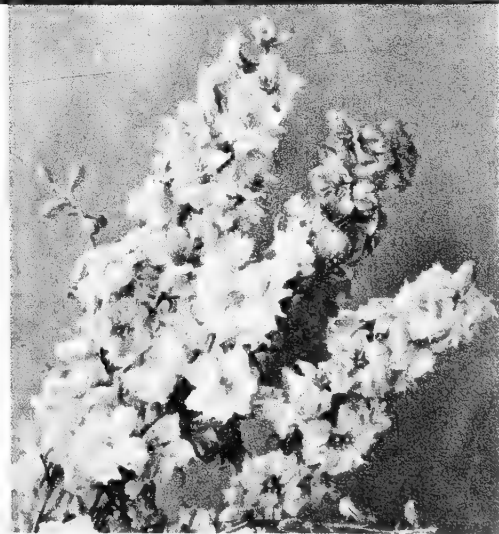
LINUM-FLAX

SCARLET FLAX—GRANDIFLORUM RUBRUM (A). Brilliant crimson flowers. For continuous bloom make successive plantings. Pkt., 10c; ¼ oz., 20c.

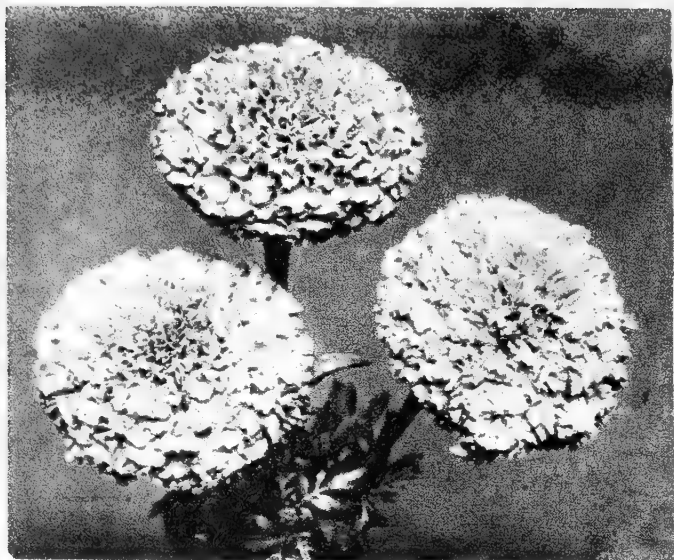
PERENNIAL BLUE (P). Native to North Dakota and one of the most graceful, free flowering and dainty perennials we know. Pkt., 10c; ¼ oz., 25c.



Delphinium
Gold Medal Mixture



Annual Larkspur



Gigantea Sunset Hybrids

LOBELIA—CRYSTAL PALACE COMPACTA (A) The 6 inch plants are fairly covered with dainty deep blue flowers. Fine for edgings, beddings and pot culture. Pkt., 15c; ¼ oz., \$1.20.

MARIGOLD (A*)

A wealth of colorful decorative blossoms from midsummer to frost. Lovely for cutting.

GIGANTEA SUNSET HYBRIDS. The largest Marigold yet developed, its delicately sweet scented flowers average 5 inches in diameter. The plants are from 3½ to 4 feet tall. Though a small percentage of



Tall African Marigold

single flowers may be expected, the size and beauty of the blooms will repay the planter. Pkt., 10c; ¼ oz., 50c.

GUINEA GOLD. The large, double carnation like blooms are a brilliant golden orange. This is deservedly one of the most popular Marigolds. Pkt., 10c; ¼ oz., 30c.

TALL AFRICAN DOUBLE MIXED. The plants are 2½ feet high and the very large globular flowers have tubular or quilled petals. Our mixture ranges in color from light lemon to deep orange. Pkt., 10c; ¼ oz., 30c.

DWARF FRENCH DOUBLE—MONARCH MIXED. The symmetrically rounded plants grow about 1 foot high, and the double blooms are borne freely. This sort is fine for bedding and edging as well as for cutting. Pkt., 10c; ¼ oz., 30c.



Heavenly Blue Morning Glory

MORNING GLORY (A-C)

Quick growing, free flowering climbers.

HEAVENLY BLUE —Clark's Early Strain.

The finest of all morning glories, the blooms are true blue with white throats and from 3 to 4 inches across. Pkt., 15c; ¼ oz., 40c; oz., 95c.

ALLEN'S EARLY. Starts to bloom almost as soon as it comes up. A variety of handsome colors. Flowers small but very lovely. Pkt., 15c.

CRIMSON RAMBLER. The bright ruby red flowers are slightly smaller than those of the Heavenly Blue, but this is a very vigorous bloomer and rapid climber. Pkt. 10c; ¼ oz., 20c; oz., 65c.



Crimson Rambler Morning Glory

PEARLY GATES. (All American Silver Medal 1941.) Large flowered, free blooming, pure white. Plant this with Crimson Rambler and Heavenly Blue for Red, White and Blue effect. Pkt., 20c; ¼ oz., 60c.

IMPERIAL MIXED—Ipomea Imperialis. The large flowers range from white to dark purple in unusual colors. The foliage is very attractive in its variations. Pkt., 10c; oz., 20c; ¼ lb., 75c.

FINEST MIXED—Convolvulus Major. A good mixture of the old fashioned yet ever popular climber. Pkt., 10c; oz., 20c; ¼ lb., 75c.

NASTURTIUMS (A*)

For border, bed, window box and bouquet. One of our most easily grown and popular flowering plants. Blooms early and throughout a long season in wide color range.

GOLDEN GLEAM—DOUBLE SWEET SCENTED.

This most satisfactory double Nasturtium continues to gain in popularity. The fragrant golden yellow blooms are borne well above the foliage on strong bushy plants. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

DWARF DOUBLE GEM MIXED.

The plants are dwarf and compact. While some single blooms may be expected, the great majority will be large, double or semi-double, sweet scented, in well balanced color mixture. Pkt., 10c; oz., 35c; ¼ lb., \$1.20.

WILL'S PIONEER BRAND DWARF SINGLE MIXED.

The best obtainable mixture of desirable colors. Pkt., 10c; oz., 25c; ¼ lb., 85c; ½ lb., \$1.80; lb., \$3.50.

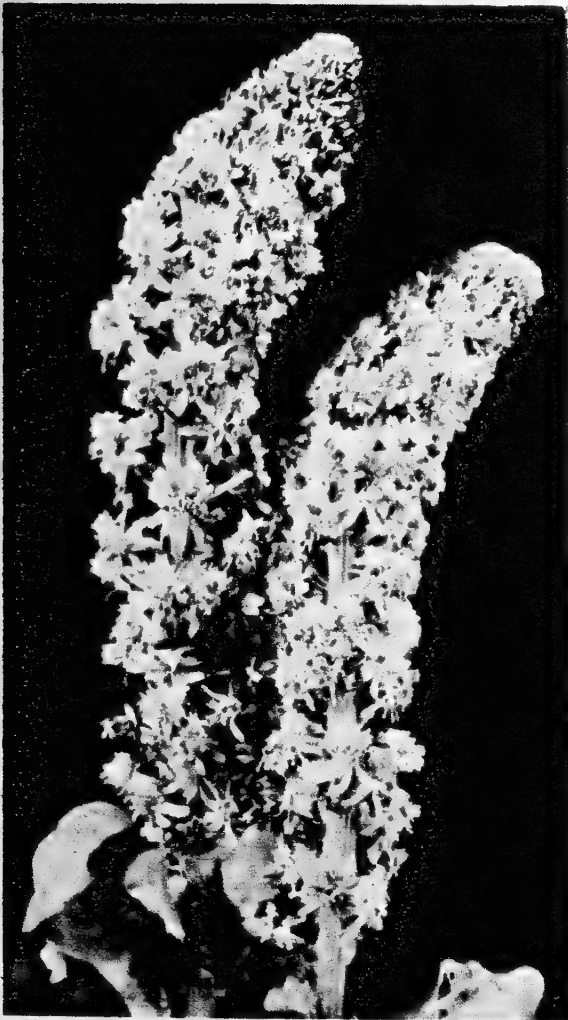
WILL'S SUPERB TALL SINGLE MIXED. Plants from our mixture will grow 5 to 6 feet high with showy blooms of the most brilliant shades. Pkt., 10c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.30; 1 lb., \$2.50.



Double Golden Gleam Nasturtiums



Pioneer Dwarf Single Mixed



Mignonette Machet

MIGNONETTE MACHET (A*). A modest, fragrant plant, growing 1 foot high, with compact spikes of bloom. **Pkt., 10c; ¼ oz., 20c.**
NICOTIANA—AFFINIS HYBRIDS (A). Plants 2 to 3 feet high bear star-shaped blossoms which are delightfully fragrant, especially at evening. **Pkt., 10c; ¼ oz., 25c.**
NIGELLA—LOVE-IN-A-MIST-NIGELLA (A*). A favorite, compact growing plant in whose fine feathery foliage nestle lovely double cornflower-blue blooms. **Pkt., 10c; ¼ oz., 20c.**

WILL'S PANSIES

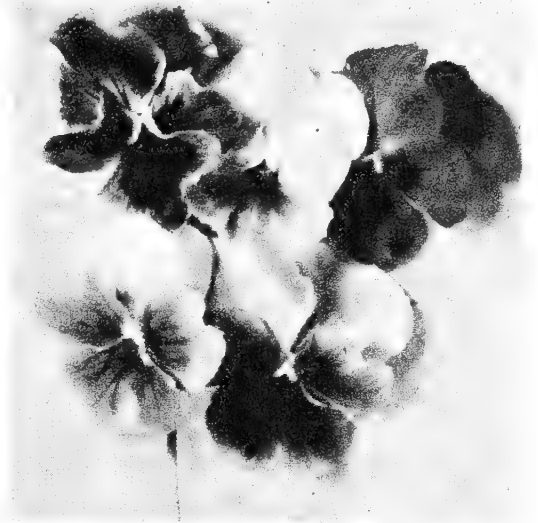
WILL'S ROYAL SHOW. (P*). The best mixture we can supply. The blooms are all that can be desired in color, size and form. **Pkt., 20c; 2 pkts., 35c; ¼ oz., \$4.00.**
WILL'S PREMIUM MIXTURE. While not to be compared with the Royal Show, this mixture has large blooms in complete color range and will please everyone who enjoys Pansies. **Pkt., 15c; ¼ oz., \$2.50.**

For Pansy Plants, See Page 55

PENTSTEMON GRANDIFLORA—BEARD TONGUE (P*). One of our most beautiful native perennial flowers and absolutely hardy. The plant grows 2 feet high, blooming in early July with long spikes of lavender, bell shaped blossoms. **Pkt., 15c.**

PRIMROSE or PRIMROSE MALACOIDES (TA). Sown in April will make plants for fall and winter blooming indoors. **Pkt., 15c.**

RICINUS—CASTOR BEAN (TA). Tall stately plant with ornamental foliage and brilliant colored fruit. **Pkt., 10c; oz., 20c; ¼ lb., 45c.**



Will's Royal Show Pansies

PETUNIAS (A*)

Enjoy sunshine, bloom profusely within 2 months from seed and are fine for bedding, porch or window box, border and pot.

SPECIAL SINGLE MIXTURE. HYBRIDA GRANDIFLORA. Plants grow 2 feet tall. Flowers are not overly large, but are borne profusely and their wonderful colorings and markings make a brilliant show in bed or border. **Pkt., 10c; ¼ oz., 55c.**



Super Giant Double Fringed

SUPER GIANT DOUBLE FRINGED MIXED. The best strain of Double Petunia now available, about 65% of the plants will produce double fringed blooms. When transplanting remember that the weaker seedlings ordinarily produce the finer double flowers. **Pkt., containing about 120 seeds, 40c; 2 pkts., 70c.**

RUFFLED MONSTER MIXTURE. Very large, single, ruffled flowers, richly marked and veined. About 300 seeds to the packet. **Pkt., 25c.**

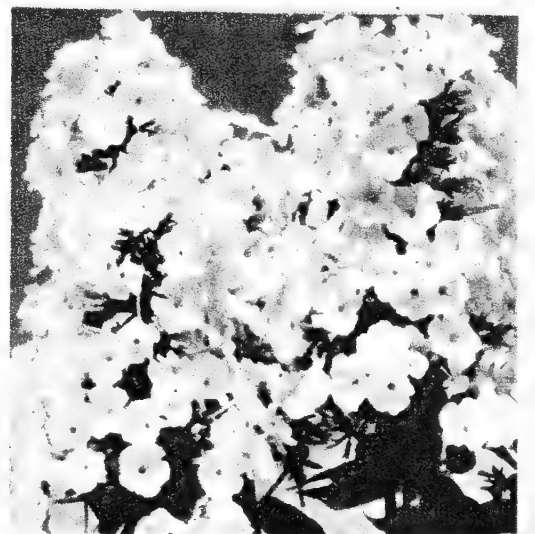
BALCONY TYPE MIXED. Single, large flowering and free blooming, trailing in habit and especially suited to bed and window boxes. **Pkt., 20c.**

ROSY MORN. A dwarf Petunia, dainty and effective for borders and window boxes. In color a soft carmine pink with white throat. **Pkt., 15c; ¼ oz., \$1.10.**

For Petunia Plants See Page 55.



Special Single Petunia



Phlox Drummondii

PHLOX. DRUMMONDI GRANDIFLORA MIXED (A*). Easily grown, brilliant and fresh in color, Phlox is one of the most satisfactory annuals. Flowers from our mixture are distinct and vivid in splendid variety of tone. **Pkt., 15c; ¼ oz., 75c; ¼ oz., \$1.20.**

PHLOX. GIANT FLOWERED-GIGANTEA ART SHADES (A*). The individual flowers are from 1¼ to 1½ inches in diameter in lovely, soft, pastel shades. **Pkt., 20c; ¼ oz., 80c; ¼ oz., \$1.40.**



Double Shirley Poppy



Double Portulaca



Single Portulaca

Dwarf Ten Weeks Stocks



POPPIES (A)

Brilliant flowers produced freely in a riot of color.

CALIFORNIA or ESCHOLTZIA - BRILLIANT

MIXED. These brilliant flowers are produced on low spreading plants with silvery cut foliage. For bouquets, cut when buds first show color. Pkt., 10c; ¼ oz., 15c.

AMERICAN LEGION. An improved Flanders Poppy, its color is a dazzling scarlet. Pkt., 10c; ¼ oz., 20c.

DOUBLE SHIRLEY MIXED. Large, graceful silky flowers. Pkt., 10c; ¼ oz., 20c.

TULIP POPPY-BUSH ESCHOLTZIA-HUNNEMANNIA—Sunlite. (A*) Gorgeous, semi-double, canary yellow blooms. The foliage is light gray green. Pkt., 15c; ¼ oz., 40c.

ARGEMONE or PRICKLY POPPY. (B.) One of the most showy of extra hardy biennials. Flowers dazzling white with golden center, 3 inches across. Pkt., 10c; ¼ oz., 35c.

BLUE MAW. This seed is used for cooking only and has been so treated that it will not germinate. ¼ lb., 30c; 1 lb., 95c, postpaid.

ORIENTAL MIXED (P). Unrivalled for gorgeous effectiveness in perennial borders, the flowers are immense, frequently six inches across. Pkt., 15c; ¼ oz., \$1.55.

ICELAND MIXED (P*). The large, gaily colored, cup-shaped flowers bloom on graceful, wiry stems. If sown early, will bloom first year from seed. Pkt., 15c; ¼ oz., 80c.



California Poppy—Escholtzia

PORTULACA—Rose Moss (A)

Hardy, Sun Loving, Profuse Bloomer. Blooms early and until frost, thriving and producing a brilliant display where almost any other plant would die. Fine for beds, borders and ground cover. We recommend it for cemetery planting.

DOUBLE MIXED. A small percentage of singles is to be expected. Pkt., 20c; ⅓ oz., 75c; ¼ oz., \$1.25; oz., \$4.00.

SINGLE MIXED. Pkt., 10c; ¼ oz., 75c; oz., \$2.00.

SALPIGLOSSIS

VELVET FLOWER or PAINTED TONGUE—Large Flowering Mixed (A*). Easily grown annual, 2 to 2½ feet tall, and one of our favorite flowers. The velvety blooms are large, trumpet shaped, and of richest colors, from creamy white to deep purple, all veined with gold. Pkt., 10c; ¼ oz., 40c.

SALVIA—CLARA BEDMAN or EARLY BONFIRE (TA*). Its erect spikes of brilliant scarlet flowers make this one of the handsomest of Salvias. Pkt., 20c; ¼ oz., \$1.50.

SCABIOSA—Tall, Large Flowered Double Mixed (A*). Also known as Mourning Bride or Pin Cushion Plant. The showy, double blooms are borne on long strong stems and soft colors predominate. Pkt., 10c; ¼ oz., 35c.

SNOW-ON-THE-MOUNTAIN—Euphorbia Variegata (A). A bushy plant of colorful foliage, much used in borders and backgrounds. The broad green leaves are heavily margined with silvery white. Pkt., 10c; oz., 30c.

STOCK—GILIFLOWER—Double Dwarf, Ten Weeks (A*). The large, profuse spikes of rosette like blooms are of beautiful coloring and rich fragrance. A small percentage of singles may be expected, but our early mixture is true to type as obtainable. Pkt., 10c; ¼ oz., 50c.

STOCK EVENING SCENTED—Mathiola Bicornis. Small purplish flowers giving off delightful perfume morning and evening. Pkt., 10c; ¼ oz., 20c.

SUNFLOWER—Helianthus Cucumerifolius—Excelsior Hybrids (A). The plants are 5 feet tall. The small double flowers are in shades of bronze, brown and red. Pkt., 10c; ½ oz., 30c; oz., 50c.



Salpiglossis or Velvet Flower



Verbena

VERBENA

Hybrida—Mammoth Choice Mixed (A*)—A very popular dwarf plant of many uses, bearing clusters of brilliant star shaped flowers through a long season. Pkt., 10c; ¼ oz., 75c.



Sweet William

SWEET WILLIAM. *Dianthus Barbatus*—Double and Single Mixed (P*). An old garden favorite, 1½ to 2 feet high, blooming early with handsome broad clusters of little pinks. With some care plants will last many years, although they may be easily raised from seed each season. Pkt., 10c; ¼ oz., 80c.

ZINNIAS

THE FLOWER FOR GREAT PLAINS GARDENS. FLOURISHES IN HEAT AND WITH LITTLE CARE—PRACTICALLY FREE FROM PLANT DISEASES—WITH LONG SEASON OF BLOOM. SHOWY, BRIGHT AND FREE FLOWERING—FINE FOR CUTTING AND EVERY GARDEN USE.

DOUBLE LILLIPUT or POMPON—Mixed. The plants are from 12 to 18 inches high, blooming profusely in 45 days from seed. The flowers are very double, 1 to 1½ inches in diameter, and the colors bright and well varied. Pkt., 10c; ¼ oz., 35c; 1 oz., \$1.00.

SCABIOUS FLOWERED MIXTURE.

An oddly attractive bloom resembling the annual Scabiosa. The plants are 2 to 2½ feet high and the flowers are medium sized with rich color range. Pkt., 15c; ¼ oz., 50c; oz., \$1.60.

DAHLIA FLOWERED

Best for general garden use, 2½ to 3 feet tall. The blooms average 4½ to 5 inches across.

GOLD MEDAL MIXTURE

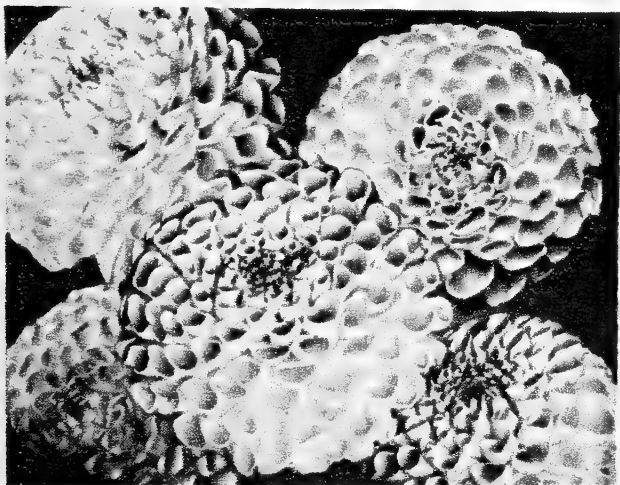
Grown in separate colors and then mixed, this is vastly superior to much that is offered. Pkt., 10c; ¼ oz., 40c; oz., \$1.30.

THE FOLLOWING DAHLIA FLOWERED ZINNIAS IN SEPARATE COLORS. Pkt., 10c; ¼ oz., 45c; oz., \$1.50. **CRIMSON MONARCH**—Deep Crimson. **GOLDEN DAWN**—Rich Golden Yellow. **LUMINOSA**—Deep Pink.

INDIAN SUMMER MIXTURE. A highly satisfactory blend of the Largest Flowering types in bright warm colors, without a trace of harshness. Pkt., 10c; ¼ oz., 40c; oz., \$1.30.

CALIFORNIA GIANTS—Mixed. The blooms are not as deep as those of the Dahlia flowered type, but fully as large, and the longer stems make this sort more desirable for cutting. Pkt., 10c; ¼ oz., 40c; oz., \$1.30.

FANTASY—Mixed. A medium sized Zinnia with shaggy petals, curved and quilled, graceful and delicate. The color mixture is complete. Pkt., 10c; ¼ oz., 40c; oz., \$1.30.



Double Lilliput Zinnia

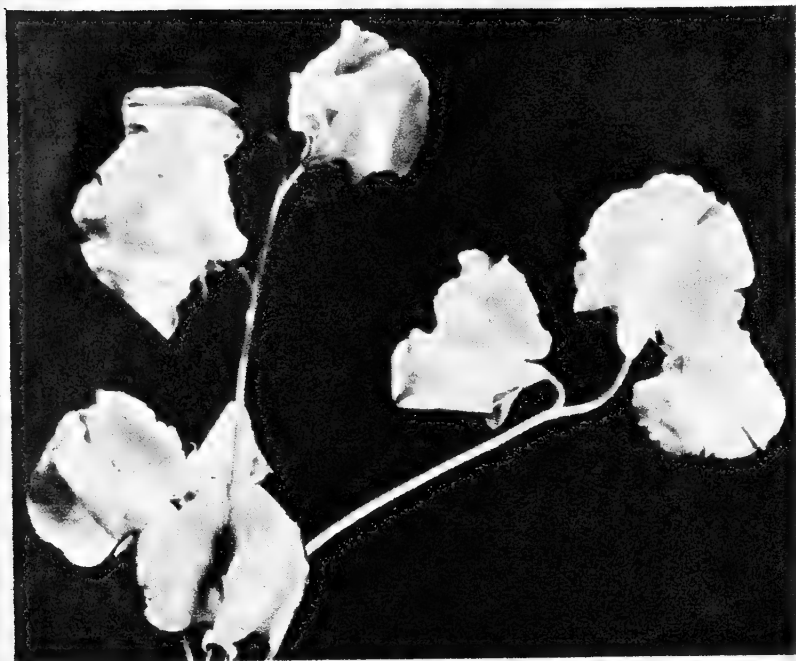
Dahlia Flowered Zinnia,
Gold Medal Mixture

California Giants Zinnia



Zinnia-Fantasy

Will's Sweet Peas



Early Flowering Spencer Sweet Peas

SWEET PEA COLLECTION

One regular packet of each of the fifteen best varieties listed below (will sow 90 feet of row) together with a GARDEN SIZE PACKAGE OF NITRAGIN to treat the seed for best results,

\$1.15

SUMMER FLOWERING SPENCERS

The following 12 varieties of Summer Flowering Spencer Sweet Peas are priced at: Pkt., 10c; oz., 35c; ¼ lb., \$1.20. Any three packets, 25c.

AMETHYST. Clear Medium Blue.	KING LAVENDER. Lavender.
BRIDAL VEIL. White.	MASTER CREAM. Deep Cream.
DISCOVERY. Chamois Pink.	OLYMPIA. Purple.
ECSTASY. Light Pink.	PEER. Orange Pink.
FLAGSHIP. Navy Blue.	STYLIST. Clear Rose Pink.
FLORADALE. Salmon Pink on Cream.	WELCOME. Brilliant Scarlet.

EARLY FLOWERING SPENCERS

The three following varieties of Early Flowering Spencer Sweet Peas are Priced at: Pkt., 15c; oz., 50c.

AMERICAN BEAUTY. Deep Crimson.
DAPHNE. Soft Salmon Pink on Cream.
STAR. Sparkling Rose Pink.

Choice Mixed Sweet Peas

EARLY FLOWERING SPENCER MIXTURE.

These come into bloom three weeks before the standard Spencer varieties, but with the same long stems and large, waved flowers. They have replaced the standard Spencers in greenhouse planting, and, though they do not grow quite as tall nor branch as much, their earliness and long season of bloom make them invaluable for outdoor planting, particularly in the short seasoned north. Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.45; 1 lb., \$2.75.

GIANT RUFFLED SPENCER MIXTURE.

Sweet Peas with gigantic blooms so ruffled and frilled that they appear almost double. Pkt., 10c; oz., 25c; ¼ lb., 90c; ½ lb., \$1.60; 1 lb., \$3.00, postpaid.

WILL'S IMPERIAL MIXED SWEET PEAS.

A mixture in proper proportions of the large waved standard Spencer sorts with every Sweet Pea color represented in every possible combination. Pkt., 10c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.20; 1 lb., \$2.25.

HEAT RESISTANT MIXTURE.

A new and very vigorous, free flowering blend particularly adapted to our conditions. You will find this mixture satisfactory in every way. Pkt., 15c; oz., 45c; ¼ lb., \$1.50; ½ lb., \$2.90; 1 lb., \$5.50.

SIBERIAN PERENNIAL SWEET PEAS (P). The vines are about 5 feet high, absolutely hardy and bloom all summer if blossoms are kept picked. Pkt., 15c.

A Few Suggestions

The Sweet Pea plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. Soaking seed in water over night before planting will hasten germination. The seed should be sown, two inches deep, at the rate of one ounce to twenty feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember, the vines quickly wither, if allowed to produce any great amount of seed. Spray thoroughly, and often to prevent infection by aphids.

Treat Sweet Peas with NITRAGIN

Garden Size 12c, Postpaid
Will Treat Up to 6 Pounds of Peas,
Beans, and Sweet Peas.



Last year I ordered Chabaud Carnations and seeded in the open ground. By fall were they ever beauties and by the middle of September they were all flowering.—Anton Super, Oriska, N. Dak.



Will's Imperial Mixed Sweet Peas

Will's Pioneer Brand Vegetable Seeds

GARDEN FOR HEALTH AND SECURITY WITH WILL'S SEEDS



We have bought nearly all of our seed from you ever since we came here which was in 1886.—F. R. Allan, Camp Crook, S. Dak.

Garden Seed Prices are postpaid to any address in the United States unless otherwise stated. Prices are subject to change without notice. Any Sales Tax is to be paid by the Customer. We cannot absorb it.

A Good Garden Is the Most Profitable Piece of Ground on a Farm

WILL'S PIONEER INDIAN COLLECTION

5 Packets for 20c

Five packets of the same vegetable varieties that were grown by the Indians long before they ever saw or heard of a white man. One packet each of:

Arikara Squash
Arikara Beans
Omaha Pumpkin
Nuetta Sweet Corn
Hidatsa Beans

FIVE PACKETS FOR 20 CENTS.

THIS IS ↓



Will's Pioneer Brand. It stands for earliness and hardiness. Behind it are sixty-three years of experience.

Will's Hardy Garden Seeds— Selected for the Northwest—do well everywhere.

SEE WILL'S VICTORY GARDEN COLLECTION ON BACK COVER

\$1.60

Postpaid

WILL'S LEADER COLLECTION

15 PACKETS

One Each of Our 15 Most Popular Varieties

Will's Improved Beet	Will's Dakota Globe
Copenhagen Market Cabbage	Onion
Danvers Half Long Carrot	Guernsey Parsnip
Snowball Cauliflower	Harris Early Giant Pepper
Early Fortune Cucumber	Will's Early Carmine
Early Curled Simpson Lettuce	Radish
Chipman Strain Lake	Will's Improved Purple
Champlain Muskmelon	Top Yellow Rutabaga
	Banquet Squash
	Victor Tomato
	Dakota Sweet Watermelon

15 PACKETS for 80c

ORDER EARLY

PLANTING TABLE FOR VEGETABLES

For the Farm Garden we recommend that all rows be equal distances apart and that that distance be the same as that of the cultivated field crops of the farm.

Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row	Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row
200	*Beans—				300	Onions.....	4-6....	14.....	½ oz.
100	Dwarf, Snap Beans—	2-5.....	20.....	¾ lb.	200	Onions, from sets.....	2-3....	16.....	3 pts. sets.
150	Dwarf, Lima	6.....	20.....	1 lb.	50	Parsnip.....	3-5....	18.....	½ oz.
200	*Beets.....	2-4....	18.....	1½ oz.	300	*Peas.....	¾-1½	30.....	1 lb.
50	Cabbage.....	16-24...	24.....	50-75 plants.	25	Peppers.....	16.....	24.....	60 plants.
50	Cauliflower...	16-24...	24.....	50-75 plants.	800	Potatoes, Early.....	14-18...	30.....	½ peck.
50	*Carrot.....	2.....	18.....	½ oz.	150	*Radish.....	1-2....	16.....	1 oz.
50	Celery.....	4-8....	18.....	200 plants.	200	*Spinach.....	1-3....	18.....	1 oz.
500	*Corn, Sweet...	16-36...	30.....	2 oz.	25	Squash, Hills 42	42.....	42.....	½ oz.
100	Cucumber...	48.....	Hills 48..	½ oz.	100	Tomato.....	30.....	36.....	40 plants.
25	Eggplant.....	20-30...	24.....	50 plants.	800	*Turnip.....	2-4....	18.....	½ oz.
50	*Lettuce.....	4-8....	Beds 6...	½ oz.					
150	Muskmelon...	Hills 72	72.....	½ oz.					

These vegetables marked * should not all be planted at one time, but apart at intervals of 2 or 3 weeks to secure a continuous supply.

WILL'S BEANS

Belong in Every Garden

CULTURE: Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. One pound of beans is a little more than one pint.

DWARF GREEN PODDED BEANS



Green Pod Stringless

BOUNTIFUL. A favorite throughout the Northwest for its earliness, hardiness and productivity. The best flat podded green Bean. The light green pods average 6 to 7 inches in length and are stringless, thick, flat, slightly fibrous, and of excellent quality. Its hardiness and yield under adverse conditions are its best qualities. Pkt., 5c; ¼ lb., 15c; ½ lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90.

GREEN POD STRINGLESS. This most widely grown of all the green podded sorts is very early and of best quality. The dark green pods are round, straight, thick, meaty, strictly stringless and brittle. Pkt., 5c; ¼ lb., 15c; ½ lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90.

BLACK VALENTINE. Very prolific, the pods are oval in cross section, dark green, uniform and attractive; and of good quality especially when young. Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

TENDERGREEN. The dark green pods are fine textured, fleshy, brittle, tender and stringless. The compact vines are vigorous and heavily productive. The best round podded dwarf green Bean. Pkt., 5c; ¼ lb., 16c; ½ lb., 29c; 1 lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.80; 10 lbs., \$3.40.



Bountiful

SHELL or SNAP BEANS

DWARF HORTICULTURAL or CRANBERRY. The old fashioned New England snap and shell Bean, and you haven't tasted succotash until you have tried building it around this Bean. The pods are about 5 inches long, flat, almost stringless, greenish-yellow splashed with carmine. The seeds are deep buff, streaked with dark red. Pkt., 5c; ¼ lb., 15c; ½ lb., 28c; 1 lb., 47c, postpaid. Not prepaid, 5 lbs., \$1.65; 10 lbs., \$3.10.

BRILLIANT. A new bush Horticultural variety developed by Dr. A. F. Yeager of the University of New Hampshire, combining earliness, productiveness and brilliant seed and pod color not to be found in any other one variety. Pkt., 10c; ¼ lb., 16c; ½ lb., 29c; 1 lb., 50c.

ENGLISH BROAD WINDSOR. The broad bean is one of the common household vegetables in Great Britain and on the Continent of Europe, and is very much esteemed there. This is the heaviest cropping broad bean. Delicious either cooked fresh or as a Winter shell bean. Pkt., 10c; ¼ lb., 15c; ½ lb., 28c; 1 lb., 47c, postpaid. Not prepaid, 5 lbs., \$1.65; 10 lbs., \$3.10.



Fordhook Bush Lima

LIMA BEANS

FORDHOOK BUSH LIMA. The best large podded Dwarf Lima. Pods of good length and contain from 4 to 5 large, thick, white beans. A wonderful producer and of excellent quality. Pkt., 10c; ¼ lb., 16c; ½ lb., 29c; 1 lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.80; 10 lbs., \$3.40.

JACKSON WONDER BUSH LIMA. This small seeded, calico colored Bush Lima is as early and dependable as any Lima Bean we have ever had in our trials. Pkt., 10c; ¼ lb., 16c; ½ lb., 29c; 1 lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.80; 10 lbs., \$3.40.

HOPÍ LIMA. A very early and hardy vining sort with small, white, fine flavored Beans. It is as early as Jackson Wonder and very productive. Pkt., 10c; ¼ lb., 16c; ½ lb., 29c; 1 lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.80.

DWARF WAX PODDED BEANS

WEBBER WAX or EARLY WONDER. (Also known as **Cracker Jack.**) The earliest wax Bean, prolific and drouth resistant. The waxy yellow pods are from 5 to 6 inches long, flat, meaty, brittle, nearly stringless and of good quality. Pkt., 5c; ¼ lb., 15c; ½ lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90.



Sure Crop Stringless Wax

SURE CROP STRINGLESS or Bountiful Wax

The best flat wax bean. A heavy yielding, disease resistant, and delicious Wax Bean. The long, golden pods are thick-flat, meaty, brittle, strictly stringless, and of fine texture and quality. Pkt., 5c; ¼ lb., 15c; ½ lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90.

IMPROVED GOLDEN WAX— Top Notch Strain

This is the very finest selected strain of Golden Wax bean, and has for years been our most popular sort. It seems to be especially suited to Northwestern climatic conditions. Pods are large, fleshy, and entirely stringless. Color is a bright golden. A very early sort, and highly rust resistant. Pkt., 5c; ¼ lb., 15c; ½ lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90.



Improved Golden Wax

SIoux STRINGLESS WAX. A fine, round podded wax Bean, rich cream yellow, straight, crisp and stringless at all stages. Equal to Pencil Pod Black Wax in quality with straighter pods, lighter colored seed and heavier yield. Pkt., 5c; ¼ lb., 15c; ½ lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90.

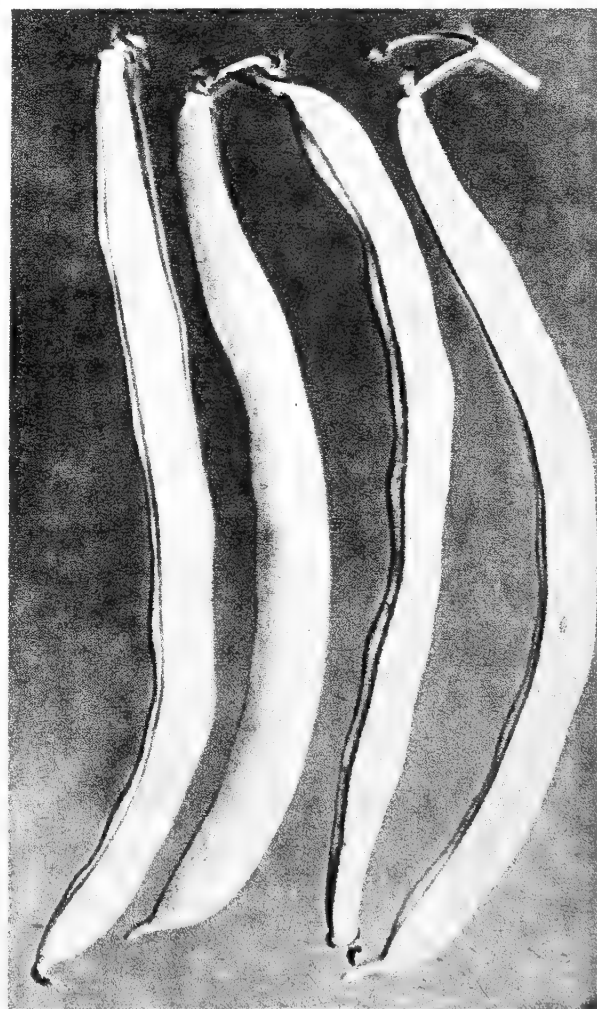
PENCIL POD BLACK WAX Very desirable for home and market garden, hardy, productive and of finest quality. Probably the finest Round Podded Wax Bean. The round golden yellow pods are fleshy, brittle, stringless and very tender. Pkt., 5c; ¼ lb., 15c; ½ lb., 28c; 1 lb., 47c, postpaid. Not prepaid, 5 lbs., \$1.65; 10 lbs., \$3.10.

UNRIVALLED WAX. The pods of this heavy yielding and exceptionally attractive sort are flat, but fleshy, light yellow, brittle, stringless and of fine texture. Pkt., 5c; ¼ lb., 15c; ½ lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90.

NEW KIDNEY WAX. A productive and high quality mid-season variety, stringless, fiberless, very fleshy and brittle. The flat pods average 6½ inches long and are an attractive, clear yellow in color. Pkt., 8c; ¼ lb., 16c; ½ lb., 29c; 1 lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.80; 10 lbs., \$3.40.



For Better Yields Treat Beans and Peas with Nitragin. A 10c Package (12c Postpaid) Will Treat Up to 6 lbs. of Seed



POLE BEANS

KENTUCKY WONDER WAX. The best pole wax bean for northern planting. The light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. Pkt. 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 28c; 1 lb., 47c postpaid. Not prepaid, 5 lbs., \$1.65; 10 lbs., \$3.10.

KENTUCKY WONDER or OLD HOMESTEAD. The most popular green-podded climbing bean. The pods are 8 to 9 inches long, fleshy, curved, tender and of good quality. The old reliable. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90.

EDIBLE SOY BEANS

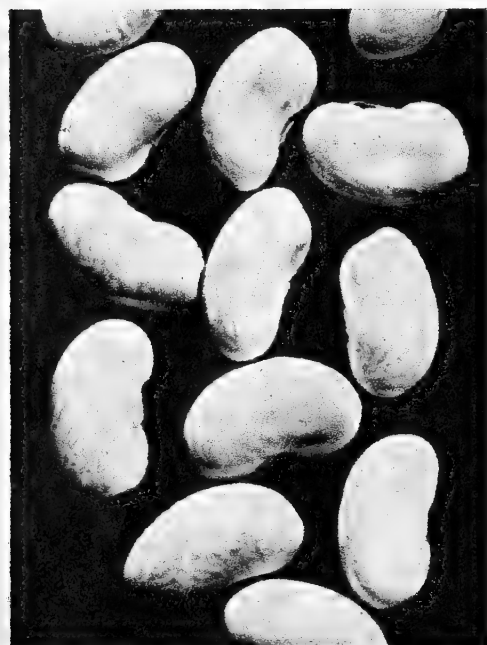
High in protein and fat, yet easily digested and utilized; and an excellent source of Vitamins A, B and G. They are used either dry or green.

EXTRA EARLY. Kabott (See inside front cover), Agate, Sioux and Hidatsa. Grown at Bismarck and all suitable for this section. Your choice of varieties so long as they last. Unless instructed to the contrary, we'll substitute if your choice is sold out. Pkt., 5c; $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 23c; 1 lb., 40c, postpaid. Not prepaid, 10 lbs., \$2.00.

STANDARD EARLY. Two weeks later than above. Pkt., 5c; $\frac{1}{4}$ lb., 13c; $\frac{1}{2}$ lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 10 lbs., \$1.60.



Edible Soy Beans



Great Northern Beans

FIELD BEANS

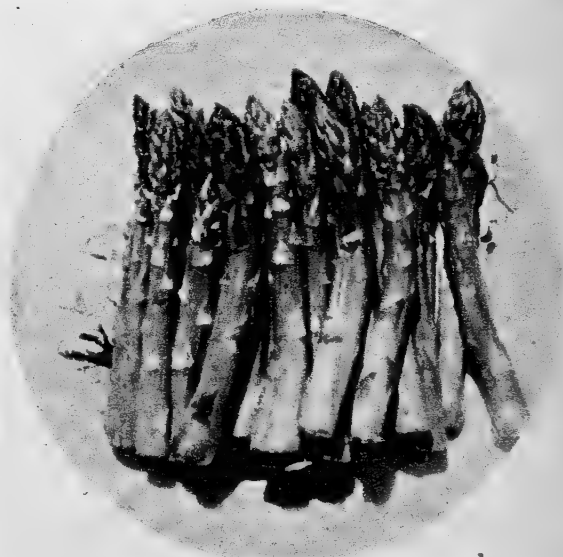
GREAT NORTHERN—The Best Baking Bean

Every one knows the Great Northern Beans, but few know that the seed was originally obtained over fifty years ago by Oscar H. Will from Son of a Star, an Hidatsa Indian, by whose tribe it had been grown for many years. **Hardy, a heavy yielder and early,** it is much more tender and more quickly cooked than the Navy Bean, and one of the most largely grown field Beans.

GREAT NORTHERN—IDAHO U. No. 56. A great improvement over the standard Great Northern in earliness, yield and uniformity of seed. $\frac{1}{4}$ lb., 11c; $\frac{1}{2}$ lb., 18c; 1 lb., 30c, postpaid. Not prepaid, 10 lbs., \$1.40; 100 lbs., \$12.00.

GREAT NORTHERN. A good standard stock. $\frac{1}{4}$ lb., 11c; $\frac{1}{2}$ lb., 18c; 1 lb., 29c, postpaid. Not prepaid, 10 lbs., \$1.30; 100 lbs., \$11.50.

HIDATSA RED. A heavy yielding, hardy and excellent baking Bean. **Resistant to bacterial blight.** The seed is red in color and similar to the Great Northern in shape. Pkt., 5c; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 19c; 1 lb., 31c, postpaid. Not prepaid, 10 lbs., \$1.50.



Mary Washington Asparagus

ASPARAGUS

Culture. One ounce will sow 100 feet of row. Soak seed for 24 hours before planting 1 inch deep in rows 1 foot apart. When 1 year old set plants in permanent beds. Work soil to depth of 16 inches, manure heavily, and set roots 2 feet apart in the row with rows 4 feet apart and crowns 4 inches below the surface.

MARY WASHINGTON. The very vigorous and rust resistant variety developed by the U. S. Department of Agriculture. **The best yielding pedigreed strain,** with large rich, dark green stalks. About 225 seeds to a packet. Pkg., 8c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.10, postpaid.

ASPARAGUS ROOTS MARY WASHINGTON. Price, postpaid, doz., 50c; 50, \$2.00; 100, \$3.75. F.O.B. here, 50, \$1.90; 100, \$3.60.

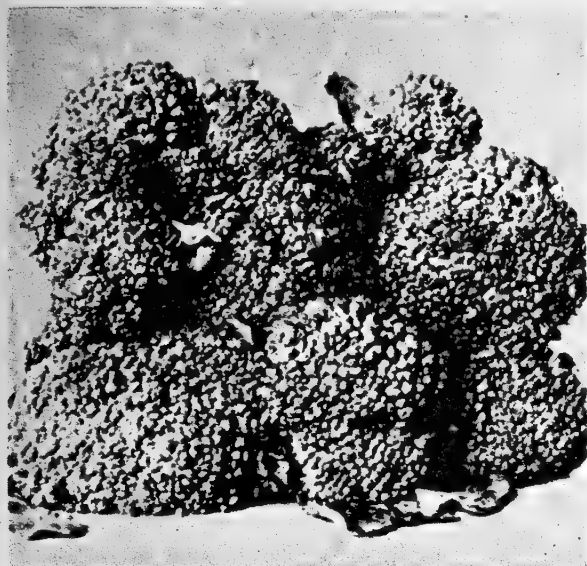


Germāco

Hotkaps

Help You Grow Earlier, Hardier
Vegetables and Flowers

Strong little individual hothouses for every plant. Increase yields, promote larger fruits and vegetables and ripen plants earlier. Made of waxed paper, protect against rain, frost, wind and insects. Quickly and easily set—directions on package. Home garden Package contains 25 Hotkaps and cardboard setter, postpaid, 70c; not prepaid, 50c. Not prepaid, 100 Hotkaps, \$1.95; 250 for \$3.50; 1000 for \$11.00; 5,000 lots at \$10.75 per 1000. The 100 and 250 Hotkap packages contain a Fibreboard setter.



Green Sprouting Broccoli

BORECOLE OR KALE

GREEN CURLED or SCOTCH. This is more hardy than cabbage and makes excellent greens for Fall and early Spring. A good frost improves the quality. About 1,300 seeds to the packet. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 80c; $\frac{1}{2}$ lb., \$1.45; 1 lb., \$2.75, postpaid.

BRUSSELS SPROUTS

LONG ISLAND IMPROVED. Undoubtedly the best and most dependable sort of this most delicately flavored of the Cabbage family. This variety is the earliest, most dwarf and compact. Pkt., 15c; oz., 65c; $\frac{1}{4}$ lb., \$2.25.

BROCCOLI

GREEN SPROUTING. A distinct variety forming a large solid head, which remains green. When the central head is cut, numerous sprouts develop from the leaf axes, each sprout terminating in a small green head. Cooked as is cauliflower, it is very easily grown, one of the most delicious green vegetables, and decidedly worth trying. Pkt., 10c; oz., 35c.

Chives

SCHNITTLAUCH (Grass Onion). The decorative perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. Pkt., 15c; oz., 90c. To those preferring to set out plants we offer Clumps: Each, 22c; doz., \$2.00, postpaid.

MUSHROOM SPAWN

Bottle Spawn. One bottle will plant 35 to 40 square feet of bed or about five times as much as one brick. Catches quicker and handles easier than brick spawn. Bottle Spawn is shipped removed from glass containers. Per bottle, \$1.05, postpaid.

Cress

UPLAND. For salads and garnishing. Pkt., 10c; oz., 40c, postpaid.

Endive

MAMMOTH GREEN CURLED. The standard variety with finely divided leaves which give the plant a mossy appearance. Endive is coming rapidly into favor for greens because of its excellent flavor. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c, postpaid.

BROAD LEAVED BATAVIAN or ESCAROLE. One of the best varieties for salads. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c, postpaid.

EGGPLANT

Our seed is chemically treated to eliminate seed borne diseases and to aid germination and early growth.

Culture: Sow the seed (which is slow to germinate) in hotbed or indoors in boxes early in spring. When all danger of frost is past, transplant in open ground 2 to 3 feet apart.

NEW HAMPSHIRE. An All American Silver Medal Winner when introduced. For earliness and heavy yield try this one. The rich, dark purple colored fruits are good sized although a trifle smaller than Black Beauty. Pkt., 10c; oz., 70c; $\frac{1}{4}$ lb., \$2.50, postpaid.

BLACK BEAUTY. Until the introduction of New Hampshire this was the earliest of the large type Egg Plant. The fruit is a very uniform dark purple, the size is large and uniform and the color and texture hold for an unusually long time. Pkt., 10c; oz., 70c; $\frac{1}{4}$ lb., \$2.50, postpaid.

For Egg Plant plants See Page 57.



Black Beauty

Leek

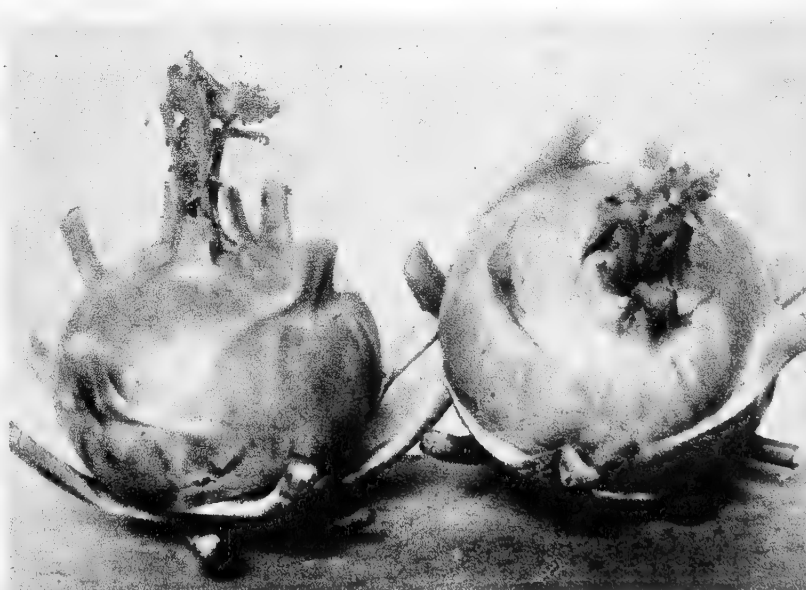
LARGE LONDON or FLAG. Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. Pkt., 15c; oz., 75c, postpaid.

Okra

DWARF GREEN. A southern vegetable that is not difficult to raise in North Dakota. Start plants inside and transplant after frost is over. This is the earliest variety. About 70 seeds to the packet. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 40c, postpaid.

KOHL-RABI

EARLY WHITE VIENNA. This best Kohl Rabi is extra early and easily grown. The nearly white bulbs are firm and distinctly sweet, and when cooked are crisp, tender and most delicate and tasty. Use when about the size of a hen's egg. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.



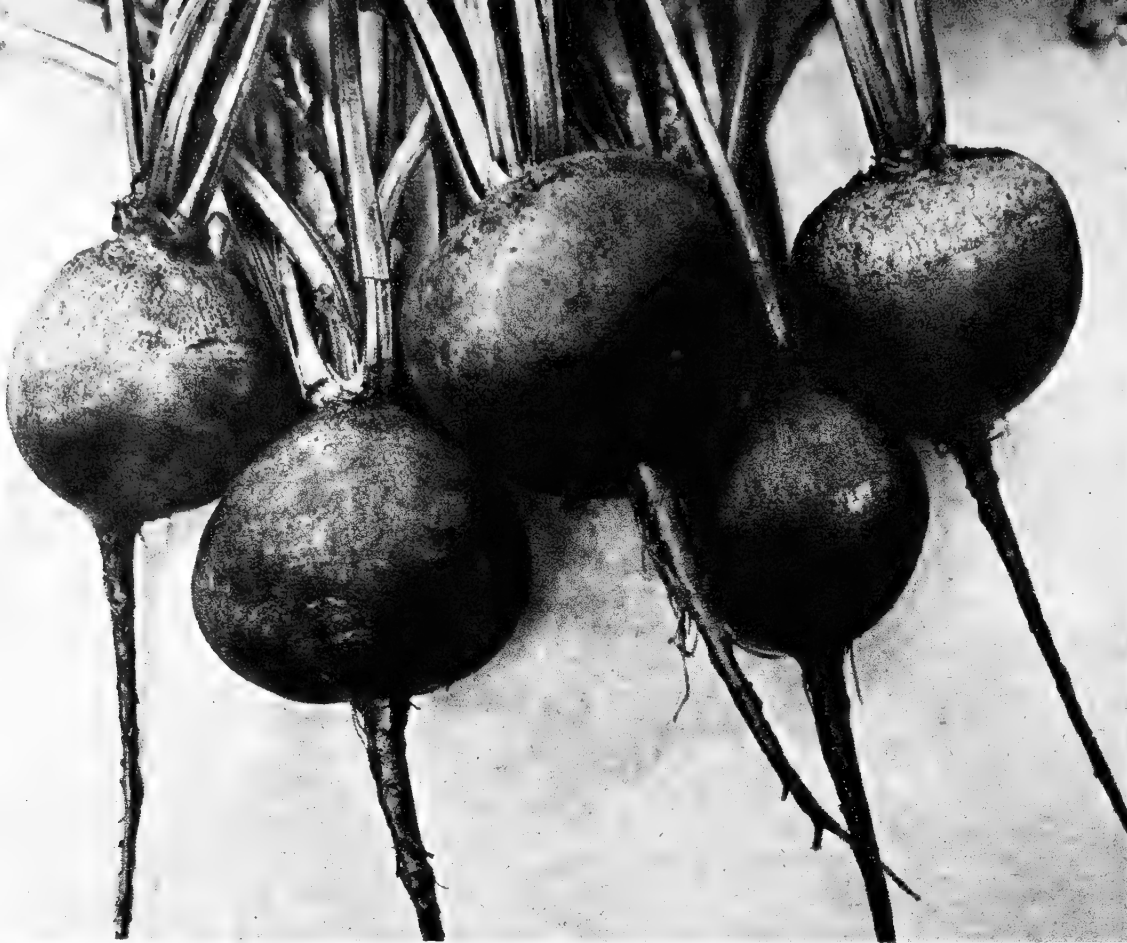
Early White Vienna Kohl-Rabi

BEET

DETROIT DARK RED.

The best main crop beet. The roots are smooth, medium sized, globe-shaped. The skin is a dark blood red and the flesh is a solid vermilion-red with no zoning. Pkt., 10c; oz., 21c; ¼ lb., 70c; ½ lb., \$1.25; lb., \$2.40, postpaid. Not prepaid, 5 lbs., \$11.25.

GOOD FOR ALL. Especially fine for canning and pickling whole when 1¼ to 1½ inches in diameter, but equally good for table use fully grown and 3 inches across. The roots are very even in color, size and shape, almost perfectly globular and a deep crimson inside and out. Pkt., 10c; oz., 22c; ¼ lb., 75c; ½ lb., \$1.35; 1 lb., \$2.60, postpaid. Not prepaid, 5 lbs., \$12.25.



Detroit Dark Red Beet

We shall appreciate notification by our customers of any change in address or duplication of catalogs.

Mangels or Stock Beets

A cheaply produced, heavy yielding, highly valuable feed for stock and poultry.

Culture. Sow in May or early June in deep mellow soil, about 1½ inches deep, in rows 1½ to 2 feet apart. Four to six pounds are required to the acre.

Our pigs like these mangels and yours will do well on them, too.

Golden Giant



The following Mangels are priced: Pkt., 7c; oz., 15c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.60, postpaid. Not prepaid, 5 lbs., \$7.25.

MAMMOTH LONG RED. The heaviest yielder and most popular of all Mangels. The light red roots are pinkish fleshed and grow well out of ground. Yields run as high as fifty tons to the acre.

GIANT HALF SUGAR ROSE. The long, oval, white fleshed roots are white skinned with rose-colored shoulder. This type combines in considerable degree the sugar content of the sugar beet and the size of the mangel.

GOLDEN TANKARD. A variety noted for its milk producing properties. The cylindrical roots grow well out of the ground and yield well on light soil. The flesh is yellow zoned with white.

GOLDEN GIANT or DANISH SLUDSTRUP. A very high yielder, the long oval roots are reddish yellow with white flesh, growing more than half above ground and easily harvested.

The Mangels above are priced: Pkt., 7c; oz., 15c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.60, postpaid. Not prepaid, 5 lbs., \$7.25.

Sugar Beet

WHITE SUGAR. A most desirable and extensively grown Sugar Beet. The roots are wedge shaped, 12 to 15 inches long, and about 4 inches thick at the shoulder. The skin is grayish white and the flesh pure white. With very high sugar content and good keeping qualities, this is not only a source of sugar, but an excellent stock food and milk producer. Pkt., 7c; oz., 15c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.60, postpaid. Not prepaid, 5 lbs., \$7.25.

BEETS

Culture: Sow from April 15th to July 15th, covering 1 inch deep. Thin to 4 to 5 inches apart in the row. Thinning can be done gradually for greens and small beets. One ounce will sow 75 feet of row; six pounds, an acre. About 450 seeds in a packet.

WILL'S IMPROVED BLOOD TURNIP BEET. This is an exceptionally fine strain of Crosby's Egyptian. The roots are somewhat flattened though globular, and the skin a very dark red in color. The flesh is of a slightly lighter shade and lightly zoned. The best first early Beet and a good keeper. Pkt., 10c; oz., 19c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.20; lb., \$2.25, postpaid. Not prepaid, 5 lbs., \$10.50.

EARLY WONDER or BOSTON CROSBY.

This selection from Crosby's Egyptian is not as early as the Will's Improved. The roots are very uniform and more nearly globe-shaped with very small top and tap root, dark red skin with deep blood-red flesh and very little zoning. A very popular variety with market gardeners and unexcelled for the home garden. Pkt., 10c; oz., 19c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.20; lb., \$2.25, postpaid. Not prepaid, 5 lbs., \$10.50.

Small Green young Beets cooked with their equally tender tops are delicious and rich in vitamins.



Swiss Chard Lucullus



Early Wonder Beet

OHIO CANNER. This deep blood red Beet is free from zoning, flattened globe in shape, uniform in growth, tender, sweet, the most handsome Beet when canned that we know and outstanding for interior color. A desirable sort for all purposes. Pkt., 10c; oz., 21c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.40, postpaid. Not prepaid, 5 lbs., \$11.25.

Have used your seeds for years; my Mother used to use them also. We have always been well satisfied.—Mrs. M. Becker, Devils Lake, N. Dak.



Will's Improved Blood Turnip

GREEN TOP BUNCHING.

An early, extremely attractive Beet with clean, grayish green foliage. The roots are round, smooth and glossy; the flesh bright blood red, finer and less fibrous than most Beets. Pkt., 10c; oz., 22c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.35; 1 lb., \$2.60, postpaid. Not prepaid, 5 lbs., \$12.25.

SWISS CHARD

LUCULLUS. To our mind the best vegetable that can be raised for greens. The crumpled, rich green outside leaves are picked off and the plant yields a constant crop from July well into September. The leaves are large and picking a mess of Swiss Chard for greens is short work. The thick broad stems may be cooked like asparagus or used for pickles. This is the most popular sort and gives big returns with little care. Pkt., 10c; oz., 18c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.80, postpaid.



Copenhagen Market

COPENHAGEN MARKET

This is in our opinion the heaviest yielding and best quality Cabbage that can be grown. A dependable yielder of smooth, round, even sized heads, valuable for either extra early or main crop use. The plant is short stemmed and compact, leaves medium light green, and the heads average about 4 pounds. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.20; $\frac{1}{2}$ lb., \$2.20; 1 lb., \$4.25, postpaid.



Early Jersey Wakefield

CORNELL EARLY SAVOY-ODORLESS. This is the earliest of the Savoy type with round, medium sized heads whose much crumpled dark green leaves are of distinct and delicate flavor. Developed by Prof. C. H. Meyers and the Cornell University Experiment Station, add to its other good points the fact that it is practically odorless in cooking. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.40, postpaid.

RED ROCK. Sureheading, large, round and solid, and deep red to the center. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.40; $\frac{1}{2}$ lb., \$2.60; 1 lb., \$5.00, postpaid.

FOR CABBAGE PLANTS, SEE PAGE 58.

Cabbage

Ask for Prices on Quantities Larger Than Listed

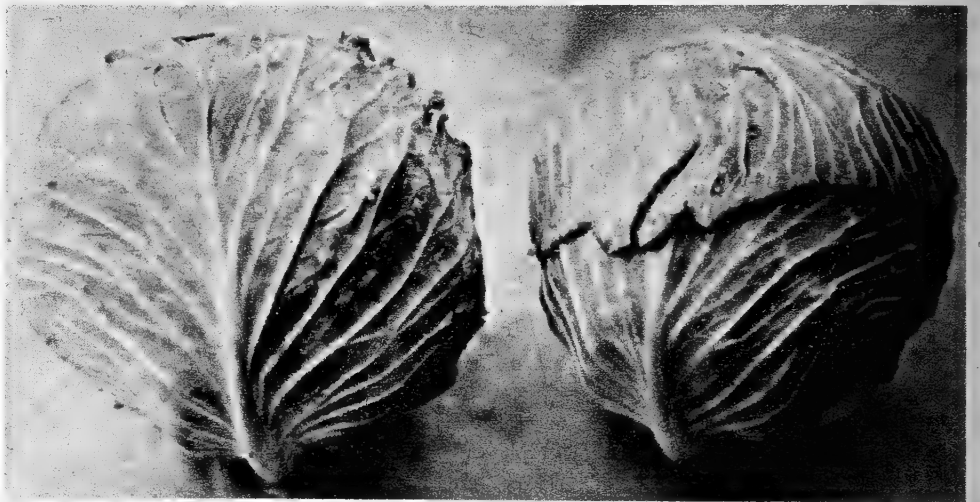
Culture: For early plants sow seed in boxes indoors or in hot bed, allowing 6 to 7 weeks from sowing to setting in the open ground. Some recommend planting the seeds in the field, 3 or 4 seeds to a hill and leaving the strongest plant. One ounce of seed will produce from 1500 to 2000 plants in open ground, 3000 in frames. 4 to 6 ounces of seed is required to produce plants for an acre.

EARLY VARIETIES

For early use we recommend especially Golden Acre and Copenhagen Market; for late use, Danish Ballhead.

GOLDEN ACRE—Earliest of All

First of the Copenhagen Market type by ten days, this is the **earliest round headed Cabbage**. The plants are dwarf and compact. The heads weigh about 3 pounds, are round as balls, solid, very uniform and sweet. If you want the earliest Cabbage and the top prices that go with it, plant our Golden Acre. Pkt., 10c; oz., 37c; $\frac{1}{4}$ lb., \$1.25; $\frac{1}{2}$ lb., \$2.35; 1 lb., \$4.50, postpaid.



Golden Acre

WILL'S EARLY JUNE The earliest flat headed Cabbage, making fair sized, solid and shapely heads within 70 days from transplanting. The plant is vigorous, stands heat and is particularly desirable for the northwest. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.20; $\frac{1}{2}$ lb., \$2.20; 1 lb., \$4.25, postpaid.

EARLY JERSEY WAKEFIELD A standard, widely grown sort and the **earliest pointed variety**. The conical heads are solid and the small outer leaves permit close planting. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; $\frac{1}{2}$ lb., \$1.85; 1 lb., \$3.50, postpaid.

**Prevent Cabbage
Worm Damage with
BUGEX
See Page 79**



Will's Early June

Your Will's Garden will pay big dividends

More Early CABBAGE

GLORY OF ENKHUIZEN. Attractive globe shaped heads, exceptionally firm and solid, and weighing from 6 to 8 pounds. A good keeper, largely planted for medium early and main crop, and fine for kraut. Pkt., 10c; oz., 34c; ¼ lb., \$1.15; ½ lb., \$2.10; 1 lb., \$4.00, postpaid.



Glory of Enkhizen



Danish Ballhead

Later CABBAGE

DANISH BALLHEAD Short Stem or Hollander. This variety is one of our specialties and the most widely used and finest late Cabbage grown. Very hardy, the deep round, pale blue-green heads weigh from 6 to 7 pounds, are crisp, tender and sweet, and of finest quality. This variety is outstanding for its solidity and fine keeping qualities. Pkt., 10c; oz., 37c; ¼ lb., \$1.25; ½ lb., \$2.35; 1 lb., \$4.50, postpaid.

PENN STATE BALLHEAD Largest of the ballhead types, this is notable for its heavy yield and excellence for winter storage and for making kraut. The uniform heads are a flattened globe shape. Pkt., 10c; oz., 37c; ¼ lb., \$1.25; ½ lb., \$2.35; 1 lb., \$4.50, postpaid.

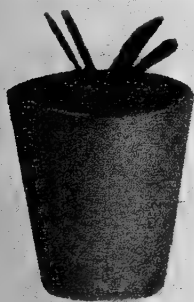
CHINESE CABBAGE

CHIH LI—SUREHEAD STRAIN. The earliest and surest heading Chinese Cabbage. The cylindrical heads are from 18 to 20 inches in length, white, solid, sweet and tender. Best results are obtained in this section by planting about June 20th. Well grown heads will weigh from 2½ to 6 pounds. Rapidly increasing in popularity, this vegetable is an excellent salad plant and fine when boiled as you would Cabbage. Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.45; 1 lb., \$2.75, postpaid.



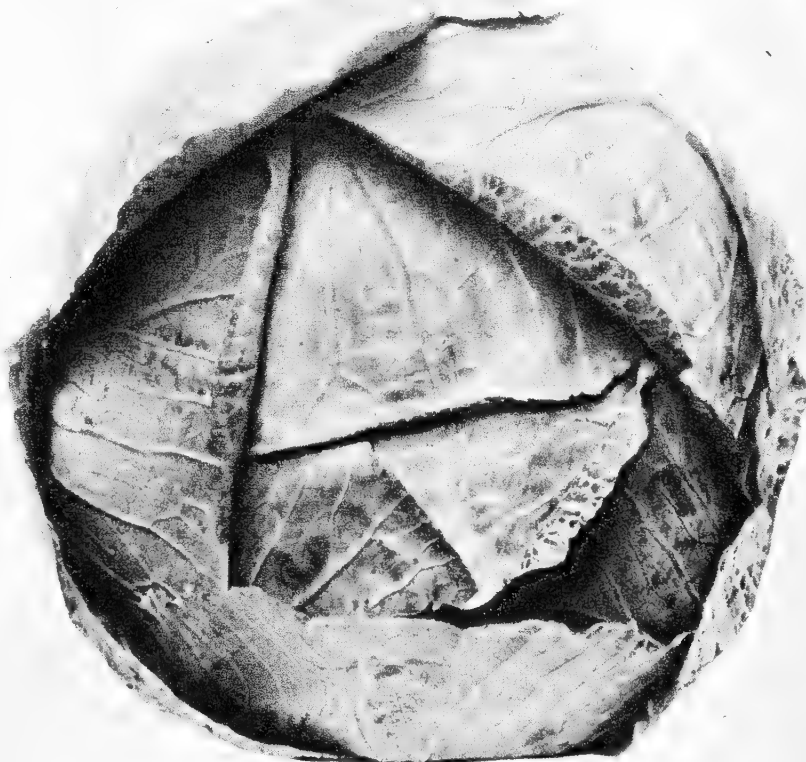
Chihli, Chinese Cabbage

PROTECT YOUR PLANTS. Purchase Garden Guard with your seeds. Dust early and often. See Page 79.



NEPONSET Waterproof Green Paper Flower Pots.

Just the thing for starting bedding and vegetable plants, etc. They make a fine cut worm guard, when the plant is set. Postpaid, 3-inch size, 25c per doz.; \$1.10 per 100; F. O. B. here, 1000, \$8.50.



Will's Selected Premium Flat Dutch

HARRIS READY-TO-USE LOCKED PLANT BANDS AND POTS. The only really Ready-to-use bands on the market. No locks to put together, no tacks to drive, no folding of corners. They come already folded and set up. BANDS, 2x2x2½ inches, package of 250, \$1.25, postpaid. BANDS, 3x3x3 inches, package of 250, \$1.50, postpaid. POTS, 3x3x3 inches. Package of 250, \$1.75, postpaid.

ORDER EARLY

WILL'S PREMIUM FLAT DUTCH. The largest of the late varieties, low growing and a sure header, the most popular late flat heading sort. May weigh 10 or 12 lbs. The flattened heads are bluish green in color, solid, of handsome appearance and fine quality. Pkt., 10c; oz., 32c; ¼ lb., \$1.05; ½ lb., \$1.95; 1 lb., \$3.75, postpaid.

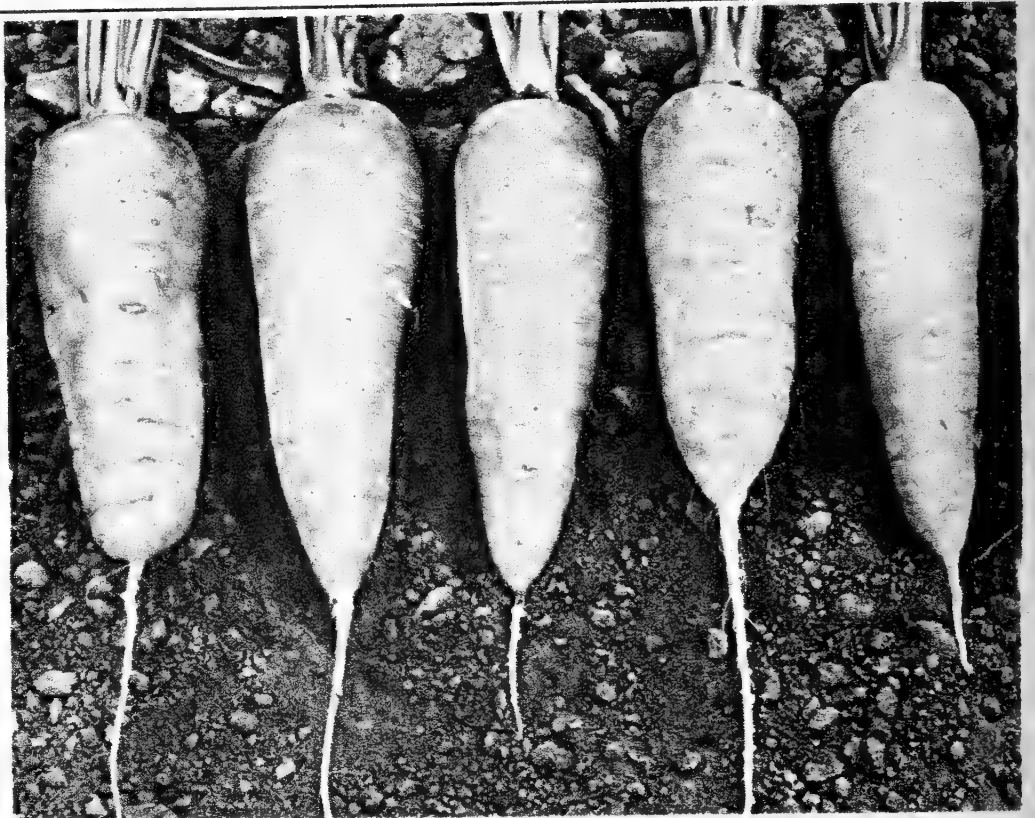
Healthful CARROTS Tasty

Culture: Plant $\frac{1}{2}$ inch deep in well prepared soil, cultivate as soon as plants are well established, and thin to 3 or 4 inches apart in the row. Plantings may be made from early spring to the middle of June. 3 to 5 pounds to the acre.

CORELESS. The most strikingly handsome early carrot we know. The deep orange roots are exceptionally smooth, cylindrical, 6 inches long by $1\frac{1}{2}$ inches in diameter, and free from woody heart or core. This is worth a trial. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.10; $\frac{1}{2}$ lb., \$2.10; 1 lb., \$4.00, postpaid.

I also want to tell you that I scarcely could raise garden without your seeds.—Mrs. Otto Linden, Manistique, Michigan.

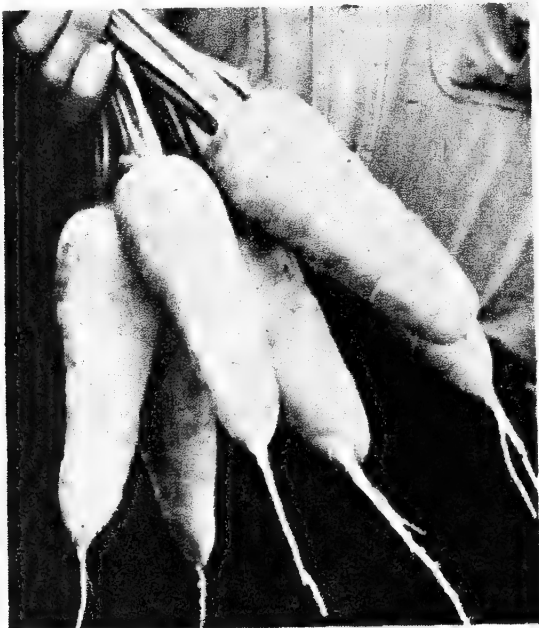
Carrots
are
Easily
Grown,
Heavy
Yielding
and
Health
Giving



Danvers Half-Long Carrot

DANVERS HALF LONG.

The best known second early half long sort, a great yielder and a first class carrot for all soils. The roots are smooth, from 6 to 8 inches long, tapering to a blunt point, a deep orange in color, with close texture flesh and little core. Although the roots are comparatively short, they yield as heavily as the larger sorts. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.70; 1 lb., \$3.25, postpaid. Not prepaid, 5 lbs. \$15.25.



Chantenay Carrot

IMPROVED LONG ORANGE. A standard heavy cropping sort, the orange-red roots grow 10 to 12 inches long, 3 inches thick at the shoulder, tapering to a point, smooth, sweet and fine grained. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.70; 1 lb., \$3.25, postpaid.

CHANTENAY or MODEL. This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with market gardeners. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.70; 1 lb., \$3.25, postpaid. Not prepaid, 5 lbs., \$15.25.

IMPERATOR or TENDERSWEET. One of the finest varieties, always sweet, tender and brittle. the roots are from 7 to $8\frac{1}{2}$ inches long, 2 inches in diameter at the shoulder and uniformly tapered to a semi-blunt end. The flesh is rich orange with indistinct core. Pkt. 10c; oz., 26c; $\frac{1}{4}$ lb., 95c; $\frac{1}{2}$ lb., \$1.80; 1 lb., \$3.40, postpaid. Not prepaid, 5 lbs., \$16.00.

MASTODON or SHORT WHITE. A very heavy yielding stock carrot. The pure white roots are about 8 inches long and 3 inches thick at the shoulder, tapering to a point. This is a remarkably efficient feed for live stock. Pkt., 10c; oz., 21c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.40; 1 lb., \$2.60, postpaid.

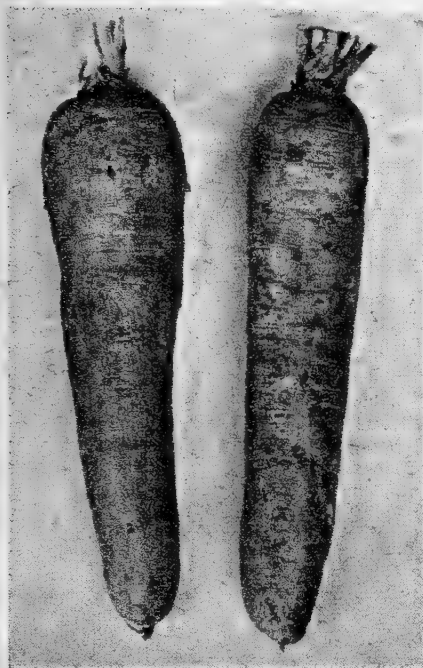


Imperator
or
Tendersweet

I am a gardener for about 40 years and I have always planted your seed and assure you there is none better.—Mrs. Amelia Tarvestad, Hendrum, Minn.

OXHEART or GUERANDE.

One of the most valuable and popular varieties. When fully grown the type is about 5 ½ inches long, 3 ½ inches thick at the shoulder and about 2 inches thick at the bottom. With bright orange flesh, fine grained and sweet, it is of fine quality for table use and equally good for stock. It is very easily dug or pulled and is probably our heaviest yielding carrot. Pkt., 10c; oz., 25c; ¼ lb., 90c; ½ lb., \$1.70; 1 lb., \$3.25, postpaid. Not prepaid, 5 lbs., \$15.25.

**Morse's Bunching****MORSE'S BUNCHING.**

A fine bunching carrot—very much like Pride of Denmark, of high quality, almost coreless and a heavy yielder. The nearly cylindrical, deep orange roots are about 8 inches long. This is an excellent variety both for market and home garden. Pkt., 10c; oz., 26c; ¼ lb., 95c; ½ lb., \$1.80; 1 lb., \$3.40, postpaid. Not prepaid, 5 lbs., \$16.00.

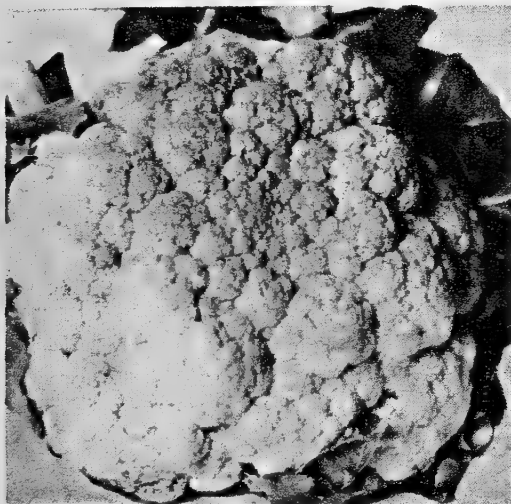
I've used your seeds for many years and like them better than any other I have tried.—Mrs. Carl J. Sonsteng, Larshan, Mont.

**Oxheart Carrot**

**One of the Most Profitable Crops
for Market and Small Gardeners**

Cauliflower

CULTURE: Cauliflower culture is practically the same as that of Cabbage. One ounce of seed will produce 1500 to 2500 plants. Allow 6 weeks from time of sowing indoors or in hotbed to setting plants in the field in the latter half of May or early June. Gather and tie tops of leaves loosely together as soon as the heads begin to form.

**Super Snowball****QUARTER AND HALF OUNCES AT OUNCE RATE**

SNOWDRIFT. True Snowball type, very vigorous, with heads well protected by inner folding leaves. Pkt., 15c; oz., \$2.40.

EARLY SNOWBALL. The earliest cauliflower, short leaved with medium sized heads, snow white, deep, smooth and compact. Pkt., 15c; oz., \$2.50.

SUPER SNOWBALL.

(Madsen strain.) The earliest dependable Cauliflower. The plants are vigorous and sturdy. The deep heads are large, pure white, very uniform and of highest quality. Pkt., 15c; oz., \$2.50.

LARGE EARLY ERFURT. One of the leading varieties for market and home planting and superior for reliability of heading, size and solidity of head. Pkt., 15c; oz., \$2.50.

For Cauliflower Plants, See Page 58.

Your seeds have always given us great satisfaction and your treatment of our orders has always been above reproach.—Mrs. Vernon I. Copp, R. No. 1, Thief River Falls, Minn.

**Early Snowball**

EARLIEST
HARDIEST
QUALITY**SWEET CORN**OUR
SPECIALTY

CULTURE: Plant in drills about 3 feet apart, one kernel every 8 inches; or in hills 3 to 3½ feet apart each way, dropping 4 or 5 kernels to a hill. Sweet Corn should not be planted until the ground is fairly warm. One-fourth pound to 100 hills; 8 pounds per acre. One pound of Sweet Corn is a little more than a pint.

Will's Sweet Corn Collection

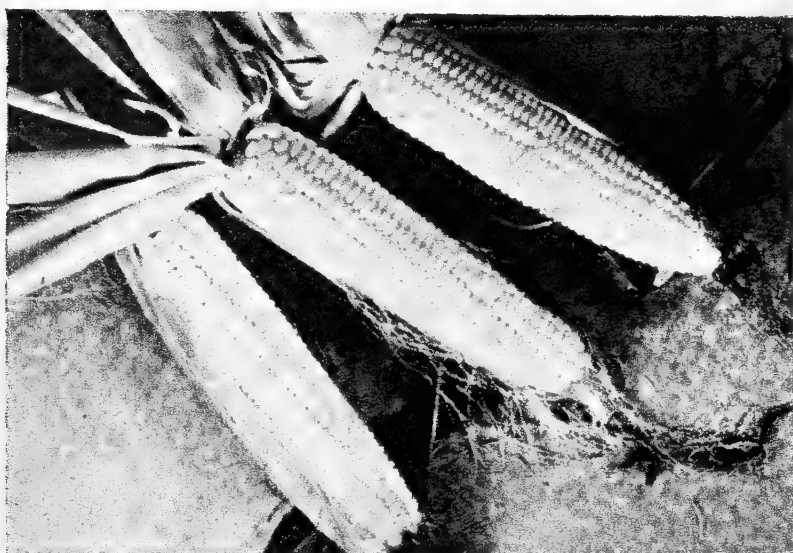
This collection is designed to give Corn lovers the longest possible succession of roasting ears

PICKANINNY	GREAT PLAINS GOLDEN BANTAM
EARLIGOLD	GOLDEN CROSS BANTAM
SUNSHINE	STOWELL'S EVERGREEN

2 Ounces of Each of **60c** The Price of the Collection, Postpaid

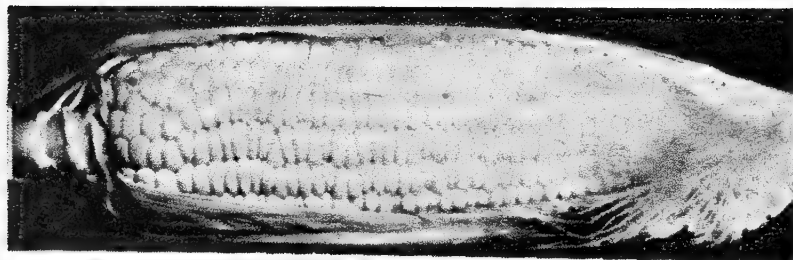
HYBRID SWEET CORN

More Vigorous, Uniform, and Heavier Yielding



Earligold Hybrid

EARLIGOLD HYBRID. A very early, large eared, heavy yielding yellow hybrid Sweet Corn. The uniform golden ears are 6½ to 7 inches long with 12 to 16 rows of kernels. A most satisfactory combination of earliness, size and quality. Pkt., 10c; ¼ lb., 24c; ½ lb., 39c; 1 lb., 68c, postpaid. Not prepaid, 5 lbs., \$2.65; 10 lbs., \$5.10.



Golden Cross Bantam

STANDARD or OPEN-POLLINATED SWEET CORN

Excellent varieties often preferred for the home garden. Listed in order of earliness.

PICKANINNY. (See inside front cover for picture.) The Earliest Sweet Corn. Developed by a Canadian Experiment Station, the 8 to 10 rowed, very dark blue ears are of good quality. A Wonderful Home Garden sort. Pkt., 5c; ¼ lb., 15c; ½ lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.70.

WILL'S EARLY JUNE. The Earliest White Sweet Corn. (See Page 3 for picture.) A very dwarf and amazingly early variety bred by us for a short season, and a true and delicious Sweet Corn. The white, eight rowed ears are from 4½ to 6 inches long. Pkt., 5c; ¼ lb., 14c; ½ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.20; 50 lbs., \$10.00.

EARLIEST PIONEER HYBRID

Of Golden Gem type, this is the earliest golden eared hybrid we know. Very uniform, heavy yielding and extra early. Pkt., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.75; 10 lbs., \$5.30.



Pioneer Sun Hybrid

PIONEER SUN HYBRID. (See inside front cover for colored picture.) Sunshine type, an early, large eared, high quality, even sized golden Sweet Corn. Pkt., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.75; 10 lbs., \$5.30.

GOLDEN CROSS BANTAM

A heavy yielding, large eared hybrid developed at Purdue University in conjunction with the U. S. Department of Agriculture. About a week later than our Golden Bantam with very uniform ears, usually 16 rowed. This is resistant to Stewart's disease or Wilt and is the most widely used hybrid. Pkt., 10c; ¼ lb., 24c; ½ lb., 39c; 1 lb., 68c, postpaid. Not prepaid, 5 lbs., \$2.65; 10 lbs., \$5.10.

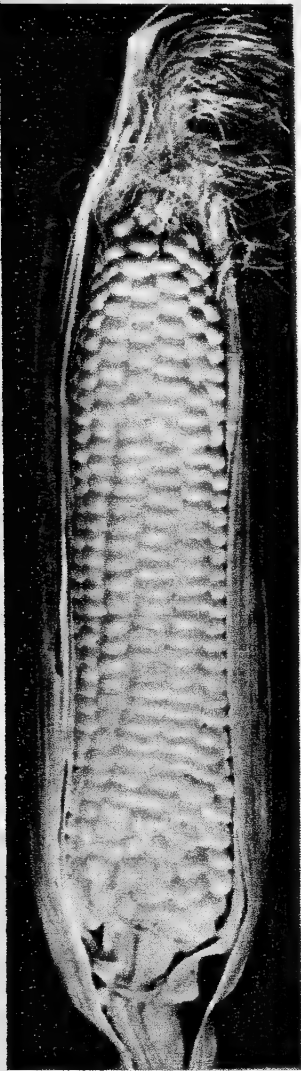
NUETTA. The hardest Sweet Corn, and the most productive variety we have. The dry seed is red, but when fit for table, the 7 inch long, 8 to 10 rowed ears are a rich golden yellow. Our original seed was obtained from a Mandan Indian about 40 years ago. Pkt., 5c; ¼ lb., 14c; ½ lb., 23c; 1 lb., 38c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.05; 50 lbs., \$9.25.

I tried your Earligold Hybrid last year. It truly was the best corn I ever had so am ordering again this year.—Mrs. Aug. Miller, Minot, N. Dak.

I planted some of your Golden Cross Bantam Corn last year and it surely was grand.—Mrs. Roy Hoefs, Miller, S. Dak.

EARLIEST
HARDIEST
QUALITY

SWEET CORN

OUR
SPECIALTY

Sunshine

COMMANDO. A cross from our seed plots-Golden Gem crossed with the very early, but tall growing Russian yellow flint. Good size combined with extreme earliness, good habit and good quality. Pkt., 10c; $\frac{1}{4}$ lb., 20c, postpaid.

SUNSHINE. Larger and Earlier than Golden Bantam. A week earlier than Golden Bantam, the 12 to 14 rowed, golden yellow ears are 8 in. long, and broad, golden yellow kernels are very sweet and tender. Developed at the North Dakota Experiment Station by Professor A. F. Yeager. A great Corn for the home and market garden. Pkt., 5c; $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs. \$1.30; 10 lbs., \$2.20; 50 lbs., \$10.00.

IMPROVED EARLY DAKOTA

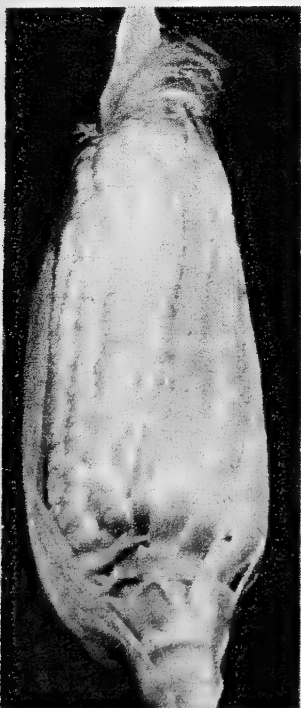
The largest of the extra early sorts, combining size with earliness. The white ears are 12 to 16 rowed, 7 to 8 inches long, borne mostly two to a stalk, very uniform in maturing and of good quality. Pkt., 5c; $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 23c; 1 lb., 38c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.05; 50 lbs., \$9.25.

GOLDEN BANTAM. Great Plains Strain. A superior strain of the best and most popular Sweet corn. Our original stock seed was obtained from the Bureau of Plant Industry, Northern Great Plains Field Station, Mandan, N. Dak. This corn has been developed for earliness, drouth resistance, vigor, smut resistance, short shanks and the characteristic of two ears to a stalk. The 8 rowed ears are 6 to 7 inches long, very sweet, tender and delicious and remain edible for a long time. It is a heavy producer. Pkt., 5c; $\frac{1}{4}$ lb., 13c; $\frac{1}{2}$ lb., 21c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90; 50 lbs., \$8.50; 100 lbs., \$16.50.

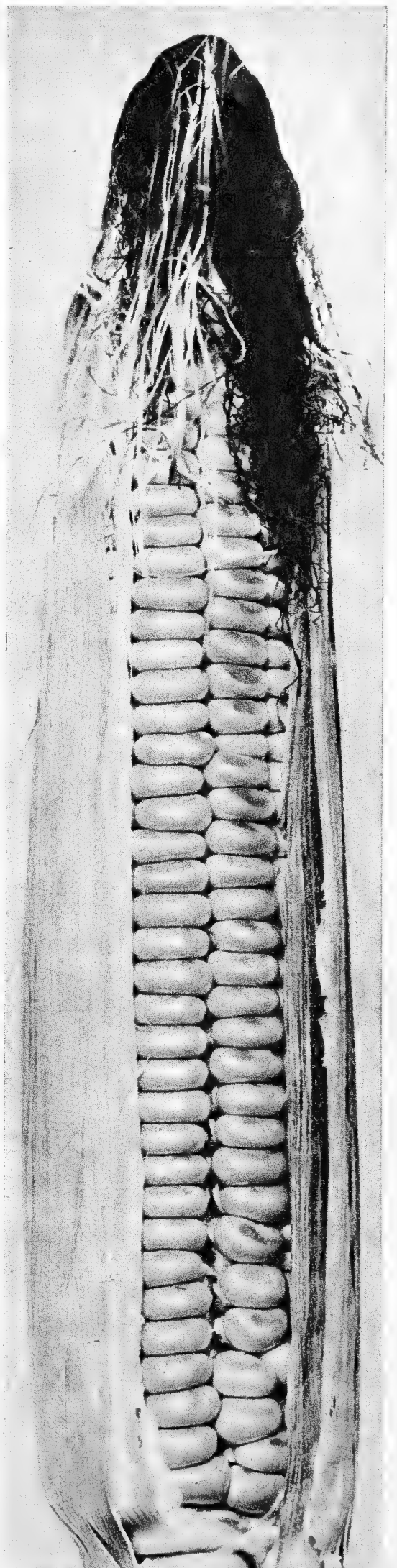
MAIN CROP. An open cross of Banana Cream, Sunshine and Assiniboine. The ears are mixed white and yellow, but are very large and sweet. Pkt., 5c; $\frac{1}{4}$ lb., 13c; $\frac{1}{2}$ lb., 21c; 1 lb., 35c, postpaid.

STOWELL'S EVERGREEN

The Standard White Late Sweet Corn. The 8 inch ears are usually 16 rowed with very sweet, deep, white kernels. Besides its table uses, the rank fodder that characterizes this variety makes it extremely valuable for the dairy herd. Pkt., 5c; $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.20; 50 lbs., \$10.00.



Stowell's Evergreen



Golden Bantam

ORDER EARLY



Earliest of All

A & C. An outstandingly uniform, vigorous and high yielding variety, of ideal size, shape and quality. The rich deep green fruit are 8 to 9 inches long by two inches thick, few seeded, and hold their color unusually well. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.60; 1 lb., \$3.00, postpaid.

DAVIS PERFECT. A dark, glossy green, thick fleshed sort of fine quality. The Cucumbers average 10 inches long by $2\frac{1}{2}$ inches thick, very tender, brittle with relatively few seeds. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.60; 1 lb., \$3.00, postpaid.

EARLY CLUSTER. An early, productive pickling type, borne in clusters. The medium green fruits are short and blunt ended. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.60; 1 lb., \$3.00, postpaid.

WHITE WONDER. An ivory white symmetrical Cucumber of fine quality. The fruits are 7 to 8 inches long and 3 inches through, white at all stages of growth. Pkt., 7c; oz., 22c; $\frac{1}{4}$ lb. 75c; $\frac{1}{2}$ lb., \$1.40; 1 lb., \$2.75, postpaid.



Earliest White Cucumber

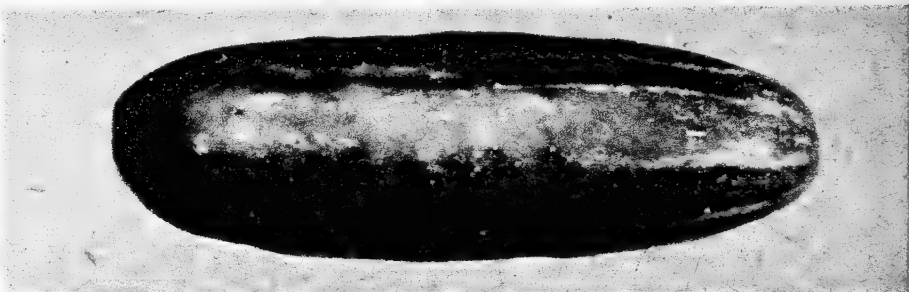
WEST INDIA GHERKIN. Used exclusively for pickles and distinct from all others. The pale green oval fruits are 2 inches long by $1\frac{1}{4}$ inches through, small seeded and covered with tender spines. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.60; 1 lb., \$3.00, postpaid.

Crisp CUCUMBERS

For Pickling and Slicing

As soon as the weather becomes warm and settled, plant one inch deep in well prepared soil in hills 4 or 5 feet apart each way with 8 to 10 seeds to a hill. Thin to 4 or 5 plants to the hill. Thorough but shallow cultivation is essential. One ounce of seed will plant about 80 hills.

EARLIEST OF ALL. The Earliest Standard Cucumber of Quality. Prolific and desirable, the deep green Cucumbers are $7\frac{1}{2}$ inches long and $2\frac{1}{2}$ inches thick. Of special value to those who wish to be first on the market and a fine home garden sort. Pkt., 5c; oz., 21c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.35; 1 lb., \$2.50, postpaid.



Arlington White Spine Cucumber

ARLINGTON WHITE SPINE. One of the earliest and most productive of the famous White Spine group. The medium dark green fruits are 8 to 9 inches long and $2\frac{1}{2}$ inches through, rounded at the ends. Very popular as a market variety on account of its good keeping qualities and its uniformity of size and shape. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.10; 1 lb., \$2.00, postpaid.



Improved Long Green

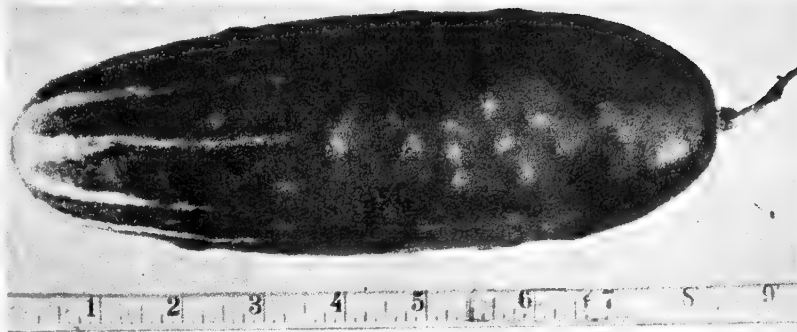
IMPROVED LONG GREEN. The standard of slicing quality and unexcelled for pickles when small. The rich, dark green fruits average 12 inches long and about 3 inches through with crisp, firm white flesh. This is one of the most popular sorts. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.60; 1 lb., \$3.00, postpaid.

EARLIEST WHITE. Very early and a heavy yielder, the Cucumbers average 7 inches long, initially green, turning white as they mature, crisp and of fine quality. Pkt., 10c; oz., 35c.

CHINA LONG. A fine home garden sort, unexcelled for slicing, with firm, white, crisp flesh. This high quality Chinese variety is very early, does well under adverse conditions and the fruits are quite commonly 20 inches long. Pkt., 15c.

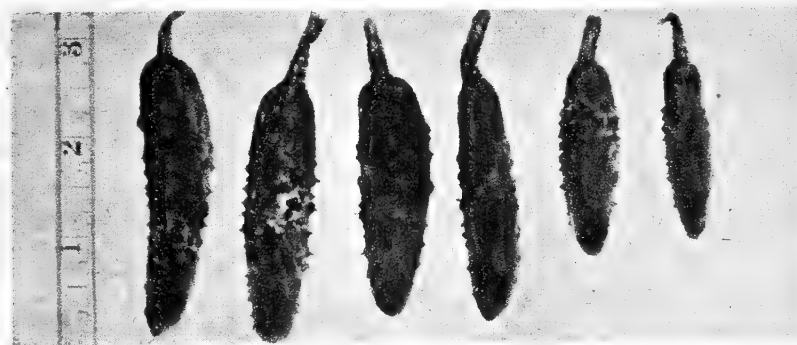
I sure had a swell garden last year from your garden collection and I know I will have this year too. Oscar H. Will seed for me from now on.—Gunder Melhus, Dunn Center, N. Dak.

WILL'S CUCUMBERS



Early Fortune

EARLY FORTUNE. The best all around Cucumber. Extra early, rich dark green in color, of perfect quality for slicing, uniform and well shaped for small pickles, it is disease resistant, a tremendous yielder, and retains its color and quality for a long time. The full grown Cucumbers are 8 inches long and 2 1/2 inches through. Pkt., 5c; oz., 20c; 1/4 lb., 65c; 1/2 lb., \$1.10; 1 lb., \$2.00, postpaid.



Early Fortune (Pickling Size)

CHICAGO PICKLING

Sturdy, vigorous, best adapted to unfavorable conditions and the most widely grown of all the pickling varieties. It is early and the rich dark green fruits are very uniform. Pkt., 5c; oz., 20c; 1/4 lb., 65c; 1/2 lb., \$1.10; 1 lb., \$2.00, postpaid.



Japanese Hulless

Straight Eight

STRAIGHT EIGHT. The most desirable slicing Cucumber, an All American Gold Medal Winner and an outstandingly heavy yielder. The uniform and attractive dark green Cucumbers are 8 inches long, straight and smoothly cylindrical, well rounded at both ends and about 2 inches in diameter. This is one of the best sorts and we offer seed grown by the originator. Pkt., 10c; oz., 25c; 1/4 lb., 85c; 1/2 lb., \$1.60; 1 lb., \$3.00, postpaid.



Chicago Pickling Cucumbers

POPCORN

JAPANESE HULLESS. Of wonderful popping quality. This is one of the best sorts. Our North Dakota grown seed is much earlier than ordinary strains. Pkt. 5c; 1/4 lb., 13c; 1/2 lb., 21c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90.

PINKY. A Fine Popper. (See inside cover for picture.) Developed by Dr. A. F. Yeager at the North Dakota Agricultural Experiment Station, this pink Pop Corn is early, a good yielder; and pops large, white and tender. Pkt., 5c; 1/4 lb., 13c; 1/2 lb., 21c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90.

My parents have used Will's seeds as long as I can remember as pioneers in Oliver County, North Dakota. We find they do real well out here and thank you for sending catalog.—Vern Stanley, Gaston, Oregon.

LETTUCE

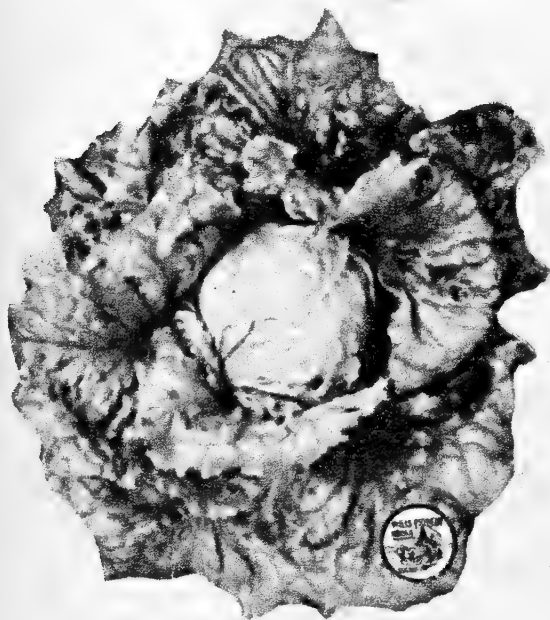
Culture: Sow as early in spring as ground can be worked, in rows not less than 15 inches apart, covering seed not over ½ inch deep. For succession, plant every three weeks. For best head lettuce, start indoors in early spring and transplant outside. One ounce for 200 feet of drill. About 2,000 seeds to the packet.

HEADING VARIETIES

GREAT LAKES. All American Bronze Medal winner for 1944, developed by the Michigan Agricultural Experiment Station and the U. S. Department of Agriculture. This crisp, solid Iceberg Type produces in hot weather when others fail; is resistant to tip burn and slow to go to seed. Pkt., 15c; ½ oz., 35c, postpaid.

BLACK SEEDED TENNIS-BALL or SALAMANDER. One of the surest heading sorts under all conditions. The heads are large, round, solid and of fine quality. The outer leaves are a clear medium green, broad and crumpled. Withstanding heat well, this is one of the surest heading sorts for the Northwest. Pkt., 5c; oz., 16c; ¼ lb., 55c; ½ lb., \$1.00; 1 lb., \$1.85, postpaid.

PARIS WHITE COS. This is a distinct type of Lettuce with conical, rather tight, dark green head with smooth thick leaves. Blanches to a beautiful white inside, becoming exceedingly crisp and sweet. Pkt., 8c; oz., 17c; ¼ lb., 60c; ½ lb., \$1.15; 1 lb., \$2.10, postpaid.



Crisp as Ice

HERBS:

CARAWAY. Grown for seeds which are used in flavoring. Pkt., 10c.

CATNIP. Leaves used for seasoning. Plant this and make your cat happy. Pkt., 15c.

DILL. The stalks and seeds are used for pickling cucumbers. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

MUSTARD. Fordhook Fancy, Foliage used for greens. Pkt., 5c; oz., 20c.

SAGE—Broad Leaved. The leaves, either fresh or dry, are used as seasoning in many ways. Pkt., 15c.

SUMMER SAVORY. Leaves and flowers flavor soups and dressings. Pkt., 10c.



Improved Hanson

IMPROVED HANSON or NONPAREIL

A very reliable, sure heading variety. The large, solid heads are of fine texture, rich and sweet flavored. The light green outer leaves are much crumpled and frilled. Improved Hanson withstands heat and drouth and is slow to go to seed. We recommend this variety. Pkt., 5c; oz., 16c; ¼ lb., 55c; ½ lb., \$1.00; 1 lb., \$1.85, postpaid.



Mignonette

MIGNONETTE. The Earliest and Surest Heading Sort. Fine for Home Gardens. One of the hardest heading

of all Lettuces, the heads are quite small and the outer leaves are dark green shaded with brown. One of the most delicately flavored and tender of the crisp varieties, its earliness and quality make it one of the very best sorts for the home garden. Pkt., 10c; oz., 23c; ¼ lb., 85c; ½ lb., \$1.50; 1 lb., \$2.85, postpaid.

ICEBERG. A home garden sort. The heads are large, solid, crisp, tender and green. The outer leaves are crumpled and blistered with brownish tinge along their borders. Pkt., 10c; oz., 23c; ¼ lb., 85c; ½ lb., \$1.50; 1 lb., \$2.85, postpaid.

MAY KING. A very compact, early, heading variety. The outer leaves are light green tinged with brown at the edges. The heads are small, firm and of fine quality, with golden yellow inner leaves. Pkt., 9c; oz., 19c; ¼ lb., 65c; ½ lb., \$1.25; 1 lb., \$2.35, postpaid.

CRISP AS ICE or HARTFORD BRONZE HEAD. A popular home garden variety, a buttery sureheader of delicate flavor and tender quality. The outer leaves are deep green overlaid with brown. In our trials, the compact, medium sized heads of this sort seem to withstand hot, dry weather better than any other sort. Pkt., 5c; oz., 16c; ¼ lb., 55c; ½ lb., \$1.00; 1 lb., \$1.85, postpaid.



Dill



New York Lettuce

MORE HEAD LETTUCE

NEW YORK or WONDERFUL

The outstanding heading type—known in all markets. A large, round, solid, heavy heading Lettuce with rich dark green outer leaves. We offer two types:

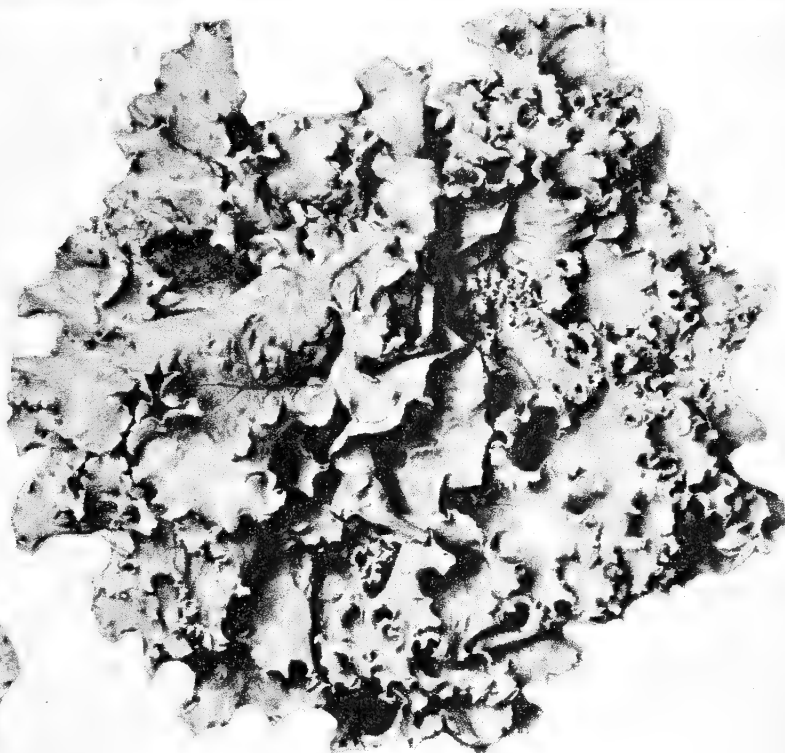
New York No. 515. The earliest and surest heading. White seeded. Pkt., 10c; oz., 24c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.65; 1 lb., \$3.10, postpaid.

Imperial No. 847. Originated by Dr. Jagger of the U. S. Department of Agriculture, it is blight resistant and withstands heat and tip burn. Black seeded. Pkt., 10c; oz., 23c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.50; 1 lb., \$2.85, postpaid.

CURLED or LOOSE HEAD VARIETIES

EARLY CURLED SIMPSON—WHITE

SEEDED. Early, Hardy, and Dependable, probably our best Leaf Lettuce. The plants are large, but compact. The broad leaves are a bright lustrous green, much crumpled and frilled, crisp, tender and sweet. Pkt., 5c; oz., 16c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.85, postpaid.



Early Curled Simpson

GRAND RAPIDS. Very tender, quick growing, and fine for early planting. The crisp, curled leaves are light green, blistered and crumpled, with heavily fringed borders. Pkt., 5c; oz., 16c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.85, postpaid.



Prizehead

PRIZEHEAD. An easily grown variety and fine for the home garden. Early, compact in growth and stands heat. The inner leaves are much crumpled and frilled, bright green, with outer foliage tinged with brownish red, and very crisp and tender. Pkt., 5c; oz., 16c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.85, postpaid.

BLACK SEEDED SIMPSON. A popular, quick growing, large crisp sort. The light, yellowish green leaves are frilled and crumpled, of excellent quality. Pkt., 5c; oz., 16c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.85, postpaid.

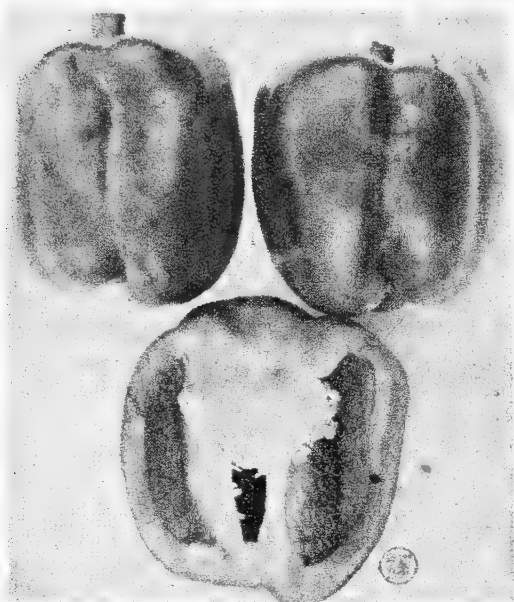
OAK LEAF. Very attractive and distinctive, deep green and of superior flavor; never bitter. Pkt., 10c; $\frac{1}{2}$ oz., 20c, postpaid.



Black Seeded Simpson

Your Choice of Hot or Sweet **PEPPERS**

Culture: Sow seed indoors or in hotbed in March, transplanting before setting in the garden the last of May. Set in rows about 2½ feet apart and about 18 inches apart in the row. About 200 seeds to the packet. Our Pepper Seed is treated to promote germination and prevent seed borne diseases.



Harris Early Giant

KING OF THE NORTH.

An early heavy yielding, very large pepper, 6 inches long and 4 inches across, but little later than Harris Early Giant. The dark green skin turns to rich red when ripe and the flesh is medium thick, firm and mild. Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.05.

HARRIS EARLY GIANT.

The Earliest Large Sweet Pepper. The plants are vigorous and very productive. The Peppers average 4½ inches long and 3½ inches through, dark green, turning to brilliant red. The flesh is thick, meaty and mild. Pkt., 10c; ½ oz., 33c; oz., 55c; ¼ lb., \$1.75, postpaid.

TOMATO-SQUASH or SUNNY-BROOK. The fruits are Tomato

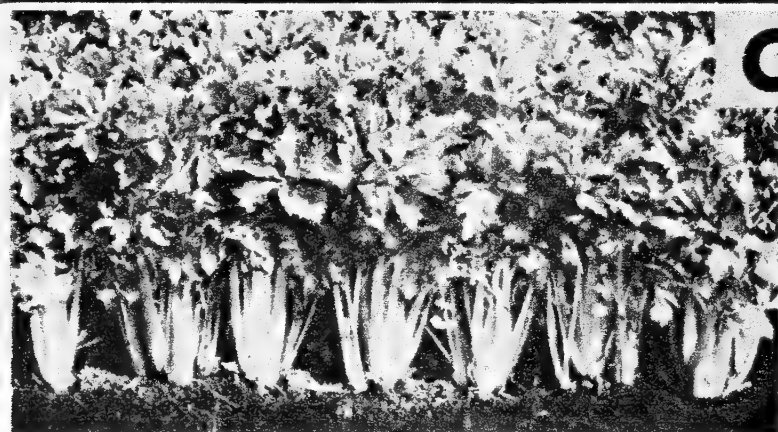
shaped, about 2 inches in diameter, with very thick and extremely mild flesh. The deep green fruits ripen to a bright red. Can be used in every way as a Pimiento Pepper. Pkt., 10c; oz., 55c.

RUBY KING. One of the most dependable and satisfactory mild varieties for both home and market gardens. Pkt., 10c; oz., 55c.

RED CAYENNE. Long, red hot. Pkt., 10c; oz. 55c.

I have been using Will's seeds for several years and find none better.—Robert Ryan, Rte. 1, Aldrich, Minn.

**Pepper and Celery
PLANTS
On Page 58**



Golden Plume

CELERY

Culture: For early planting sow indoors in February or March. One-eighth inch of soil to cover seed is sufficient. Transplant indoors and set outside in late May, in rows 3 feet apart and 6 inches apart in the row. Celery requires enough water at all times so that its growth is not checked. Soil or boards may be used to blanch the stalks.

GOLDEN PLUME or WONDERFUL. The Best of

the Self Blanching Sorts, early, large and vigorous. The plants are sturdy and compact, resistant to blight and rust, with heavy stalks and full hearts of excellent quality, blanching readily. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.90, postpaid.

UTAH or SALT LAKE. The best green Celery. Large, broad stalks with well developed heart, a good keeper, of fine nutty flavor. Largely used when green, but blanches quicker than most green sorts to a crisp pure white. Pkt., 10c; oz., 65c; ¼ lb., \$2.30, postpaid.

GOLDEN SELF BLANCHING. Dwarf Strain. Very popular because of earliness and ease of blanching. The stalks are thick, solid and sweet, blanching to a golden yellow. This is a fine home garden variety. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.50, postpaid.

WINTER QUEEN. A very solid and crisp variety with double the amount of heart of any known celery. One of the very best keeping varieties. Pkt., 10c; oz., 60c; ¼ lb., \$2.10, postpaid.

GIANT PASCAL. A compact, vigorous sort, a good keeper and one of the best varieties for Fall and Winter. Pkt., 10c; oz., 65c; ¼ lb., \$2.30, postpaid.

CELERIAC OR TURNIP-ROOTED CELERY—GIANT

PRAGUE. This is a celery of which only the root is used. Should be planted like other celery, but need not be banked. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. Pkt., 10c; oz., 65c; ¼ lb., \$2.30, postpaid.

I have been using your splendid seeds for several years now and everything produces very abundantly, and am very much satisfied with Will's seeds.—Mrs. L. E. Ackley, Bryant, S. D.



Celariac or Turnip-Rooted Celery

PARSNIPS

Culture. Sow as early in spring as possible, in rows not less than 18 inches apart and about $\frac{1}{2}$ inch deep. The ground should be deeply plowed and well cultivated. Thin to 4 inches apart in the row as soon as the plants are well started. A freeze improves the quality of the roots. About 1200 seeds to the packet. One ounce for 200 feet of drill; 4 to 5 pounds per acre.

SHORT THICK. The earliest Parsnip. Three inches thick at the shoulder and from 6 to 8 inches long, this fine quality sort is nearly a month earlier than any larger variety. Pkt., 7c; oz., 19c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.10; lb., \$2.00, postpaid.

IMPROVED GUERNSEY or HOLLOW

CROWN. The best for general cultivation and a heavy yielder. About 3 inches thick at the shoulder and from 12 to 15 inches long, the smooth roots are fine grained, tender and sugary. Pkt., 6c; oz., 15c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 90c; lb., \$1.65, postpaid.

PUMPKINS

Culture. Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and the weather favorable, giving same cultivation as to melons. About 40 seeds to the packet. One ounce to 30 hills; 3 to 4 pounds per acre.



Improved Guernsey Parsnip

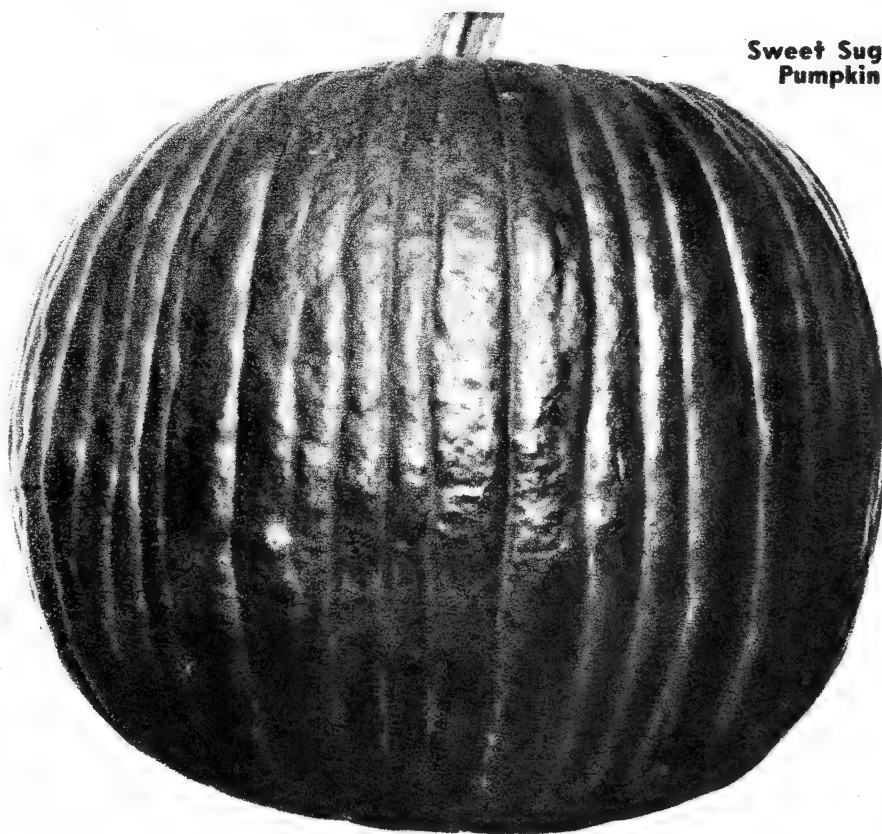
EARLY CHEYENNE. The One Pie Pumpkin. A very early, small, orange Pumpkin developed at the U. S. Great Plains Field Station, U.S. Department of Agriculture, at Cheyenne, Wyo. Thick meated, solid and uniform, of highest quality, this is about two weeks earlier than Sweet Sugar. Pkt., 6c; oz., 16c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.75, postpaid.

CHEYENNE BUSH. Another worthwhile new sort from the U. S. Great Plains Horticultural Field Station at Cheyenne, Wyoming. Bush type plants with high quality pumpkins. Pkt., 15c.

CONNECTICUT FIELD or BIG TOM. A solid, oblong, orange Pumpkin more planted with corn than any other variety and a heavy yielder. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 65c; lb., \$1.20, postpaid.

OMAHA. A very early, oblong, orange, thick meated sort. This is a selection from seed obtained through Dr. Melvin Gilmore from the Omaha Indians. Of fair quality, its earliness is its outstanding characteristic and fits it for areas where Pumpkins could not otherwise be grown. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c, postpaid.

FORT BERTHOLD. The earliest Pumpkin, small, flattened and of good quality. Developed from seed obtained from the Mandan and Arikara Indians, it is very hardy. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c, postpaid.

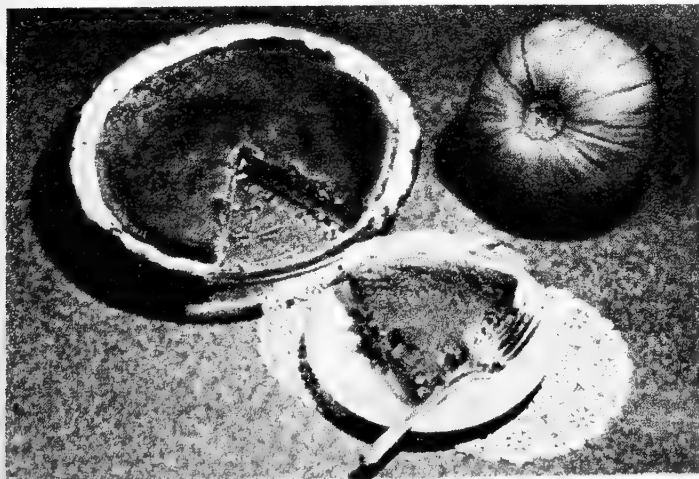


Sweet Sugar Pumpkin

SWEET SUGAR or NEW ENGLAND PIE.

The Best Pie Pumpkin, earliest and best of the standard sorts and by far the sweetest. The pumpkins are round, slightly flattened, weighing 6 to 8 pounds apiece. The skin is a deep orange and the orange yellow flesh is thick, dry, fine grained and sweet. This is a very good keeper. Pkt., 5c; oz., 14c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 85c; 1 lb., \$1.50, postpaid.

KING OF MAMMOTHS. The giant among Pumpkins, weighing as high as 150 lbs. A bright golden yellow, fine grained and excellent for cooking. Pkt., 6c; oz., 16c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 95c; lb., \$1.75, postpaid.



Early Cheyenne

Early MUSKMELONS Hardy

Culture. When the ground has become warm, plant in hills about 5 feet apart each way, 8 to 12 seeds to the hill. When danger of insects is past, thin to 3 or 4 plants to the hill. Cultivate thoroughly throughout the season, not to exceed 2 inches deep. One ounce of seed to 75 hills; 2 to 3 pounds to the acre. About 125 seeds to the packet.

EXTRA EARLY OSAGE. One of the earliest salmon-fleshed varieties of quality and one of the best sorts grown. The oval fruit is dark green, slightly ribbed and gray netted, and is from a week to ten days earlier than the old Osage. The flesh is a rich orange-salmon, very thick, juicy and sweet, of very high quality. A grand sort for northwestern conditions; ideal for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 19c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.10; 1 lb., \$2.00, postpaid.

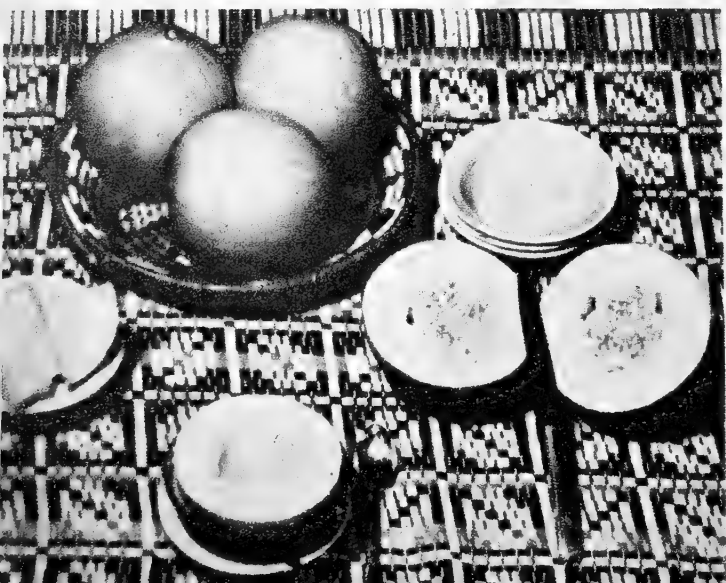


Sugar Rock or Honey Rock

EXTRA EARLY KNIGHT. The best green fleshed Muskmelon, medium sized, oval, distinctly ribbed and well netted. The flesh is fairly thick, juicy and very sweet, a medium green blending to a light pink near the center. We consider this productive sort one of the best for the Northwest. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.20; 1 lb., \$2.25, postpaid.

EMERALD GEM. An extremely early sort. The fruit is a rich emerald-green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, sweet and luscious. The vines are hardy and very prolific. One of the best Melons for home garden and local market. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.20; 1 lb., \$2.25, postpaid.

Oro Blanco



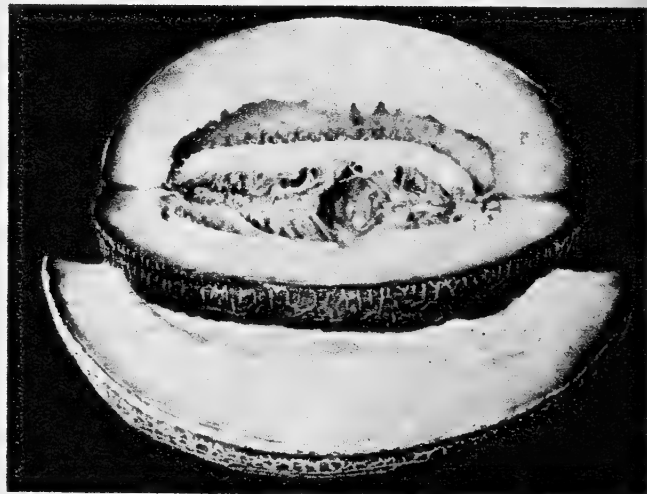
Extra Early Knight

SUGAR ROCK or HONEY

ROCK. This is one of the most delicious melons and very productive. The medium-sized, round, heavily netted Melons are of uniformly fine quality with very thick, sweet, orange flesh. The most profitable market variety. Pkt., 5c; oz., 19c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.10; 1 lb., \$2.00, postpaid.

GOLDEN GOPHER. A smooth, ribbed, oval, orange fleshed wilt resistant sort introduced by the Minnesota Agricultural Experiment Station. A melon of very high quality. Pkt., 10c; oz., 30c.

NORMAN ROSS. A large, early, orange fleshed netted melon developed at the Canadian Experiment Station at Indian Head, Sask. Pkt., 10c; oz., 30c.



Extra Early Osage

ORO BLANCO. A Persian or Casaba type Melon that will mature in the North. About five inches in diameter with golden skin, the white fleshed melons are delicious when dead ripe. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c, postpaid.

EARLY TYE. A very early melon, oval, medium sized, ribbed and somewhat netted, the orange flesh is thick and of fair quality. A good hardy and prolific home garden melon for the Northwest. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.75, postpaid.

MUSKMELONS



Lake Champlain—Chipman Strain

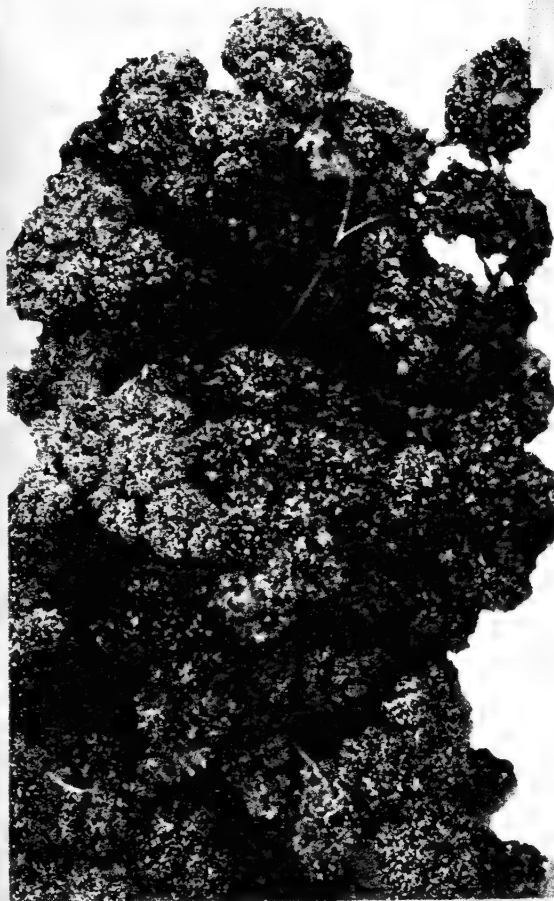
HALE'S BEST. The Earliest and Best of the Rockyford Type. The medium sized, nearly round melons are heavily netted. The deep orange flesh is very thick and of rich flavor. Pkt., 10c; oz., 19c; ¼ lb., 60c; ½ lb., \$1.10; 1 lb., \$2.00, postpaid.

LAKE CHAMPLAIN or GOLD- EN CHAMPLAIN.

A very early variety, medium sized, round, heavily netted and moderately ribbed, with thick spicy orange flesh. A heavy yielding quality melon for home and market garden.

CHIPMAN'S STRAIN. Ten days earlier than the standard Lake Champlain and the earliest melon of good quality; developed by the late George F. Chipman, for many years editor of the Country Guide of Winnipeg, Canada. Pkt., 10c; oz., 25c, postpaid.

STANDARD STOCK. Pkt. 10c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.40; 1 lb., \$2.25, postpaid.



Moss Curled Parsley

PARSLEY

CULTURE. Soak the seed a few hours in lukewarm water and sow early in spring in drills at least one foot apart, covering the seed not more than one-half inch. It is rather slow to germinate. About 2,000 seeds to the packet.

PARAMOUNT. A very uniform variety with tightly and finely curled leaves of unusually rich dark green. This is an outstanding sort. Pkt., 5c; oz., 17c; ¼ lb., 50c; lb., \$1.60, postpaid.

CHAMPION MOSS CURLED. Leaves beautifully curled, mosslike, of the richest green. Pkt., 5c; oz., 17c; ¼ lb., 50c; lb., \$1.60, postpaid.

TURNIP ROOTED. The roots, instead of the tops, are used for soups and flavoring meats, gives richer flavor. Pkt., 5c; oz., 17c; ¼ lb., 50c, postpaid.



Wazu

WAZU (Hallstone). Small, solid, thick meated, orange fleshed melon of exceptionally high quality. One of the best melons we have. Pkt., 10c; oz., 30c; ¼ lb., 90c, postpaid.

VINE PEACH (Vegetable Orange or Mango Melon). This prolific fruit is the size of a medium orange, and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a peach. Pkt., 10c; oz., 20c; ¼ lb., 60c, postpaid.

RHUBARB OR PIEPLANT

MONARCH. Ours is a good strain of long service and a standard sort. The leaf stalks are numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor and excellent for preserving. About 250 seeds to packet. Pkt., 5c; oz., 17c; ¼ lb., 60c; lb., \$2.00.

ROOTS

STANDARD. The old fashioned Pie Plant. Each, 25c; 12, \$2.50. Postpaid: each, 30c; doz., \$3.00.

MCDONALD. Very large and prolific, with few seed stalks, this makes fine flavored pink sauce. Each, 45c; doz., \$4.50. Postpaid, each, 50c; doz., \$5.00.

CANADA RED. Developed by the late Canadian plant breeder, G. F. Chipman. One of the best sorts, seedless with stems dark red clear to the heart. Produces the most beautiful red sauce. Each, 90c; 5, \$4.25. Postpaid, each, \$1.00; 5, \$4.50.

SUNRISE. One of the newest and finest Canadian varieties. Each, \$2.00. Postpaid, each, \$2.10.



Will's Early WATERMELONS

CULTURE. When the ground has become warm, plant in hills 8 or 10 feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground. One ounce of seed for 30 hills; 3 to 5 pounds per acre.

RED RUSSIAN-EARLY KANSAS or RED HUTCHINSON. A large, nearly round, early melon weighing up to 40 pounds. The skin is dark green with lighter striping, and the bright scarlet flesh is delicious. Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 65c; 1 lb., \$1.10, postpaid.



Golden Honey

GOLDEN HONEY OR GOLDEN SWEET. A nearly round, medium sized melon, light green with darker green stripes. The crisp, delicious flesh is amber yellow. Pkt., 10c; oz., 25c.

KLONDIKE. An early, high quality Melon. The skin is dark green, and the bright deep red flesh has no equal in eating qualities. The Melons weigh from 20 to 25 pounds. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.05; 1 lb., \$1.90, postpaid.

ARIKARA. The Earliest Watermelon. A sure and prolific producer of small Melons running from 7 to 12 inches in diameter with almost black skin. The pink flesh is sweet and pleasant, somewhat coarse and of fair quality. If you have trouble raising ripe Watermelons, try this one. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.60, postpaid.

CITRON. (Red Seeded.) A round, handsome fruit of small size, with white, solid flesh; it is used in making sweetmeats and preserves. Ours is the old standard strain. Pkt., 5c; oz., 14c; ¼ lb., 43c; ½ lb., 70c; 1 lb., \$1.20, postpaid.

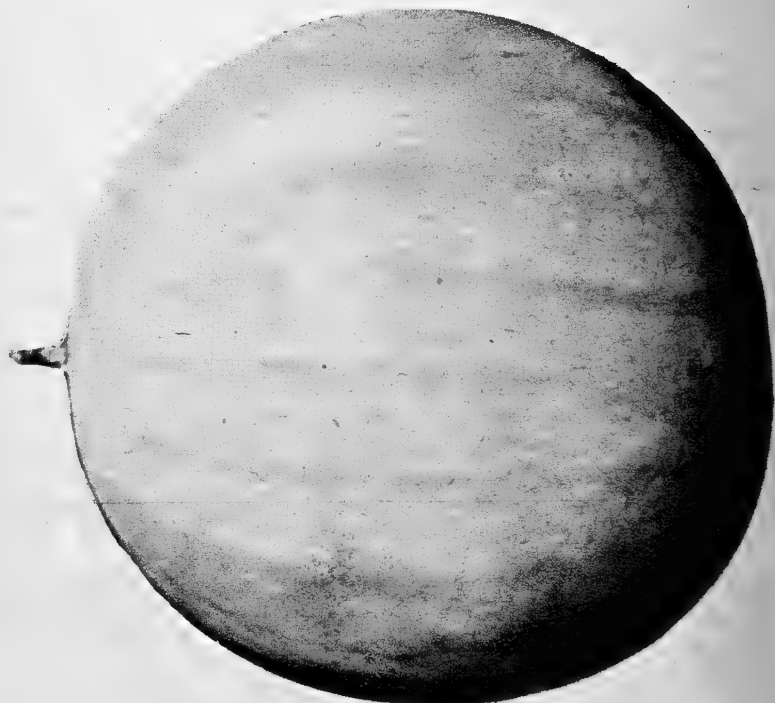


Kleckley Sweets



Cole's Early

COLE'S EARLY. One of the earliest and best, hardy, vigorous and a sure cropper. The blocky, oval Melons are medium sized with alternate dark and lighter green stripes. The delicious quality of the bright red flesh is sustained clear to the thin rind. This is one of the best sorts for northern gardens. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00, postpaid.



Winter Queen

WINTER QUEEN. A high quality, heavy yielder of medium size, round white skinned Melons with clear bright red flesh and black seeds. Fine at maturity, if stored in a cool, dry place will keep until Christmas. Pkt., 5c; oz., 15c; ¼ oz., 45c; ½ lb., 75c; 1 lb., \$1.30, postpaid.

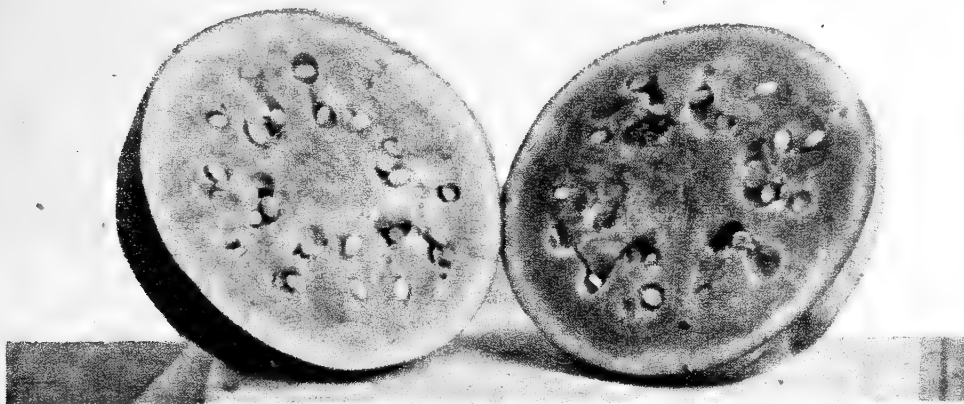
KLECKLEY SWEET or MONTE CRISTO. One of the sweetest Watermelons, medium early, cylindrical, and tapering slightly toward the stem end, the Melons weigh up to 40 pounds. The skin is a very dark green and the rind is thin and tender. The flesh is bright red, crisp and very sweet. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00, postpaid.

Your seeds are tops in my opinion. I am sending early so I will be sure of having them.—Oscar E. Moe, Keene, N. Dak.

WATERMELON DAKOTA SWEET

Early—Hardy—Fine Quality

If there is any better melon for the Northwest, we haven't seen it. Of Russian origin, its outstanding qualities caught the eyes of Professor A. F. Yeager. Similar to Northern Sweet. The melons weigh from 9 to 14 pounds; the thin rind is medium green with darker stripes; and the flesh is bright red, crisp and very sweet. A heavy cropper and very early, ripening in 9 to 10 weeks. Melons should be picked as soon as ripe. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.60, postpaid.



Dakota Sweet Watermelon



Looking down on a 3-ton truckload of Dakota Sweets from our nursery

BUZA RED WINTER. Small, round, fine keeping, light green striped melon with fine quality red flesh. Originally from Poland and very early. Pkt., 10c; oz., 20c; ¼ lb., 65c, postpaid.



Buza Red Winter Watermelon

ONION SETS

Write for prices on lots larger than those listed

A planting of sets for green onions, delicious early boilers or fine bulbs for winter should be in every garden. We grow our own Bottom Onion Sets at Bismarck. One pound to 60 feet of row. Unless otherwise instructed, we shall hold Onion Sets until danger of freezing in transit is past. A bushel of Onion Sets is 32 lbs., except with Top Sets, which are 28 lbs. to the bushel. Price ¼ peck and over, subject to change.

Onion Set prices are for March delivery or later.

YELLOW BOTTOM ONION SETS. Fine for green Onions, these are surer to form large Onions than any other sets. The quality is superior and the yield is larger. 1 lb., 39c; 4 lbs., \$1.20, postpaid.

RED BOTTOM SETS. Fine, well cured sets. 1 lb., 39c; 4 lbs., \$1.20, postpaid.

TOP or WINTER ONION SETS. Perennial. Live in the ground all winter and start very early in the spring. 28 lbs. to the bushel. 1 lb., 40c, postpaid.

MULTIPLIER ONIONS. Also called Bunch Onions or Potato Onions, and very mild. Excellent for early spring Onions. 1 lb., 40c, postpaid.

GARLIC

BAVARIAN. Lb., 55c; 5 lbs., \$2.20, postpaid.

We have always had a very good garden from your seeds. Last year the pea seed I got from you were grand—had 1½ pounds of seed and canned 60 pints of peas from it. No one could expect more. So my canned vegetable shelves are still full to start in the spring.—Mrs. Henry Hanneman, Madison, S. Dak.

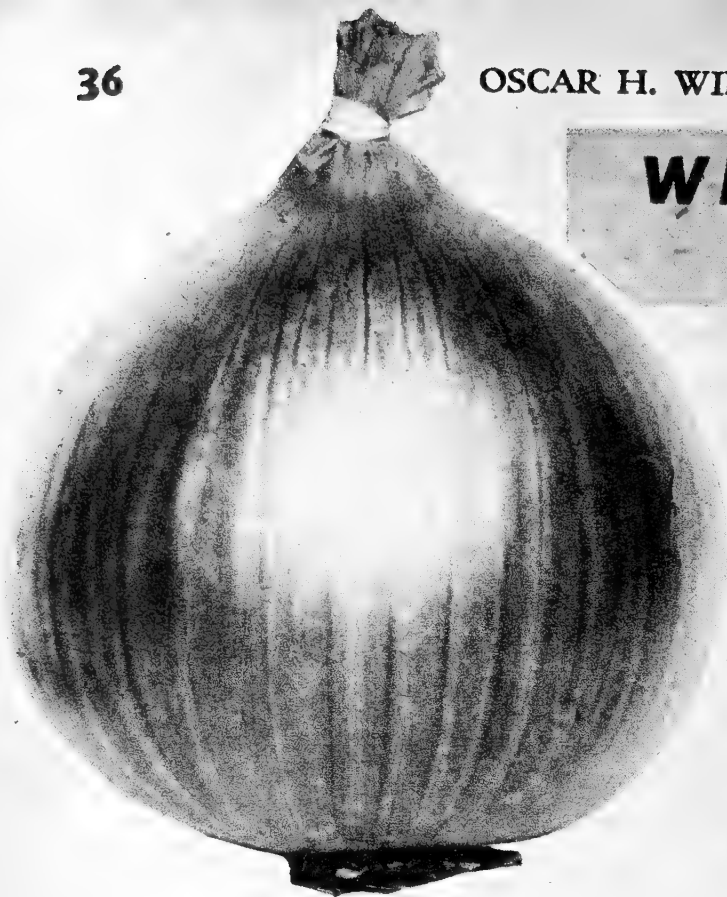


Onion Sets as Grown at Bismarck

For Onion Plants See Page 36

WILL'S PIONEER BRAND ONION SEED

Culture: Sow as early in spring as ground can be worked, in rows not less than 15 inches apart, covering $\frac{1}{2}$ inch deep. One ounce for 300 feet of row, 4 to 5 pounds to the acre.



Early Yellow Globe

EARLY YELLOW GLOBE. A large, globe shaped Onion of attractive deep yellow color and mild flavor. Ten days to two weeks earlier than Will's Dakota Globe, it is a heavy cropper and a good winter keeper. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.75; $\frac{1}{2}$ lb., \$3.25; 1 lb., \$6.25; postpaid. Not prepaid, 5 lbs., \$30.25.

RED WETHERSFIELD. One of the oldest and best strains, a sure and heavy yielder and a good keeper. The bulbs are large, flat and a deep purplish red. The flesh is pinkish white and fairly mild. It is a favorite on poor or dry soils. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.75; $\frac{1}{2}$ lb., \$3.25; 1 lb., \$6.25, postpaid. Not prepaid, 5 lbs., \$30.25.

SOUTHPORT WHITE GLOBE. This attractive, pure white, thin-skinned globe Onion commands the highest market price. Our selected strain keeps well, is firm and fine-grained. Pkt., 10c; oz., 60c; $\frac{1}{4}$ lb., \$2.10; $\frac{1}{2}$ lb., \$3.95; 1 lb., \$7.60, postpaid. Not prepaid, 5 lbs., \$37.00.

For Onion Sets See Page 35

MONTANA WHITE PORTUGAL or SILVERSKIN.

The All Around Onion. The most widely used white Onion. Medium sized, flat, hard and fine grained Onion of fairly mild flavor and clear white skin. It is popular for sets, picklers, green bunching and for fall and early winter use. Our seed has been grown for us by the same Montana grower for many years and is of exceptionally high germination and purity. Pkt., 10c; oz., 60c; $\frac{1}{4}$ lb., \$2.00; $\frac{1}{2}$ lb., \$3.75; 1 lb., \$7.25, postpaid. Not prepaid, 5 lbs., \$35.25.

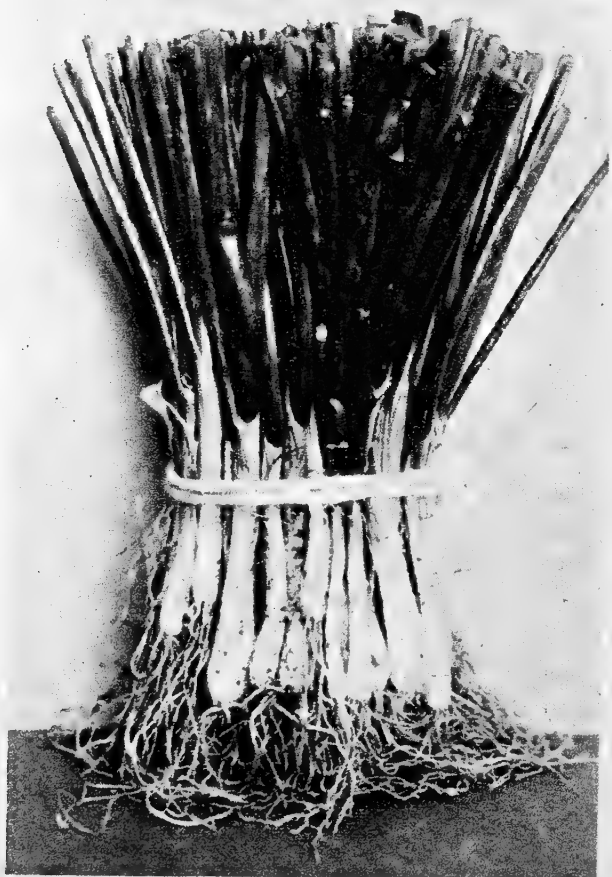


Yellow Globe Danvers

YELLOW GLOBE DANVERS. This is a standard variety for winter use in all markets. Its skin is a rich orange-yellow; the flesh is pure white, crisp and mild in flavor. It is a dependably heavy yielder and because of its small neck cures well and makes splendid storage stock. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.75; $\frac{1}{2}$ lb., \$3.25; 1 lb., \$6.25, postpaid. Not prepaid, 5 lbs., \$30.25.

ONION PLANTS

SWEET SPANISH. The best variety for our needs. Sown early in milder sections and plants lifted to produce Onions of Bermuda quality in northern gardens. We include cultural directions with each purchase. We offer Onion Plants by the bunch only. They are pulled by the handful or bunch. The number per bunch usually runs between 55 and 125 depending largely on the size of the plants. The count varies considerably and we cannot specify the number of plants in a bunch. Bunch, 35c; 2 Bunches, 60c; 5 Bunches, \$1.30; 10 Bunches, \$2.50, postpaid.



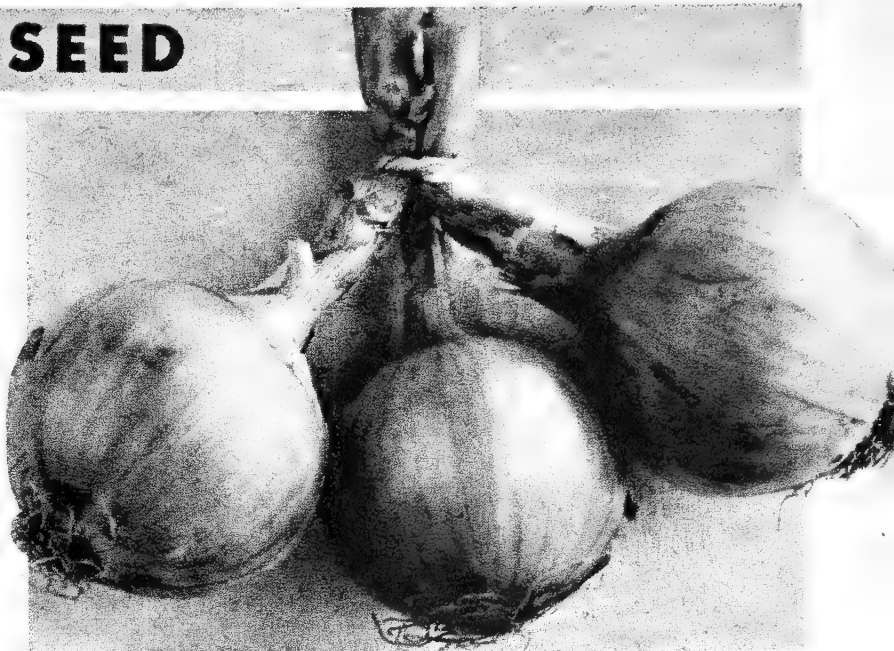
Onion Plants

WILL'S ONION SEED

WILL'S DAKOTA GLOBE.

The Money Making Onion. We believe this to be the best strain of Southport Yellow Globe, the most popular and most largely grown yellow Onion. It is early, productive, uniform in its rich yellow color, small necked and an exceptionally fine keeper. The creamy white flesh is fine grained, crisp, fairly mild and of excellent flavor. One of the best sorts for the Northwest. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; ½ lb., \$3.25; 1 lb., \$6.25, postpaid. Not prepaid, 5 lbs., \$30.25.

AUSTRALIAN BROWN. Very early and a wonderful keeper. A heavy yielder and a sure cropper, the Onions are of medium size, slightly flattened, with reddish brown skin and crisp, white flesh. The flavor is rather strong. This is a desirable home garden variety. Pkt., 10c; oz., 50c; ¼ lb., \$1.70; ½ lb., \$3.15; 1 lb., \$6.00, postpaid. Not prepaid, 5 lbs., \$29.00.



Will's Dakota Globe

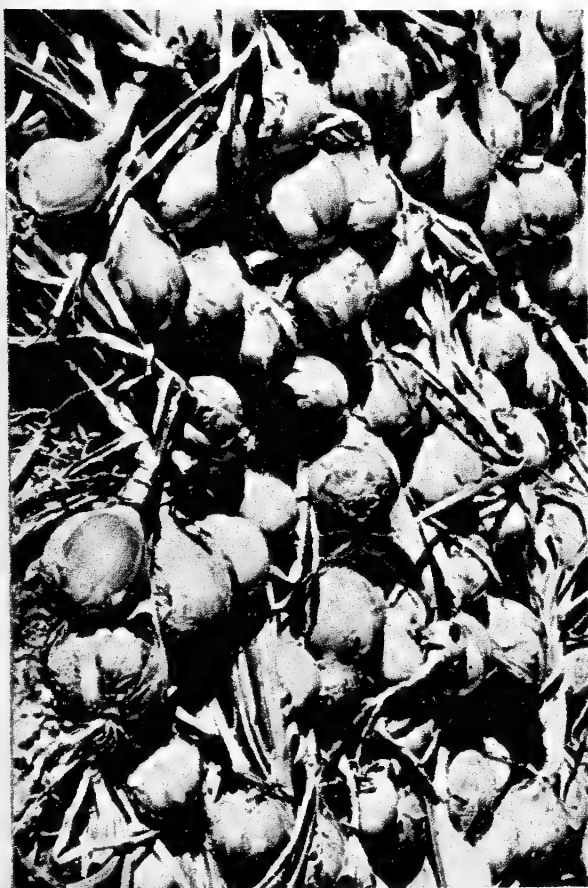
MOUNTAIN DANVERS. A very early strain of Yellow Globe, not quite as large and a bit more flat than Yellow Globe Danvers, but two weeks earlier and a remarkable keeper. The white flesh is fine grained, sweet and mild. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; ½ lb., \$3.25; 1 lb., \$6.25, postpaid. Not prepaid, 5 lbs., \$30.25.

SOUTHPORT RED GLOBE. The Best Red Variety for Storage. A midseason, medium sized, round red sort, with dark purplish red skin and firm flesh of strong flavor. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; ½ lb., \$3.25; 1 lb., \$6.25, postpaid. Not prepaid, 5 lbs., \$30.25.

SWEET BERMUDA. A medium size Onion, flat, very early and in no sense a keeper. The skin is a light straw color and the soft, white, crisp flesh is very mild and sweet. Pkt., 15c; oz., 65c; ¼ lb., \$2.20; ½ lb., \$4.15; 1 lb., \$8.00, postpaid. Not prepaid, 5 lbs., \$39.00.

SWEET SPANISH or VALENCIA-UTAH STRAIN

Earlier, milder and a much better keeper, this is a decided improvement over the Riverside Strain. One of the largest and finest of Onions, nearly globular, with golden yellow skin and white flesh, it is especially prized for its mildness and delicacy of flavor. Pkt., 15c; oz., 65c; ¼ lb., \$2.20; ½ lb., \$4.15; 1 lb., \$8.00, postpaid. Not prepaid, 5 lbs., \$39.00.



Utah Sweet Spanish Onions

PRIZETAKER. One of the largest and mildest onions grown. It is productive and a sure cropper. The thin skin is a bright straw-yellow and the flesh is pure white. Our strain grows always to a perfect globe shape, the bulbs sometimes attaining a weight of 2 pounds. Pkt., 10c; oz., 60c; ¼ lb., \$2.10; ½ lb., \$3.95; 1 lb., \$7.60, postpaid. Not prepaid, 5 lbs., \$37.00.

WELSH WINTER (Perennial). Plant this variety to get the earliest green onions. Seed may be sown either in Spring or Fall. This variety does not make large bulbs but is used only for green onions. The plants are perennial, live in the ground for years, and are absolutely hardy. This is a money-maker for the market gardener. Pkt., 10c; oz., 60c; ¼ lb., \$2.10.

Onion
Sets
on
Page 35



Prizetaker

WILL'S CHOICEST GARDEN PEAS

The use of Peas for planting purposes only is a condition of their sale.

Culture: Sow early in spring in rows not less than 20 in. apart, covering $1\frac{1}{2}$ to 2 inches deep. The smooth seeded sort, of which we list First of All and Alaska, will stand earlier seeding than the wrinkled seeded varieties. For freezing, plant Alderman, Laxton's Progress or World's Record. One pound will sow 100 feet of row. Inoculate all legumes with Nitragin.

FIRST OF ALL or EARLY JUNE

This is the largest podded of the extra early varieties and a most profitable market sort. The semi-smooth seed may be sown 2 weeks earlier than the wrinkled seeded sorts. The vines grow

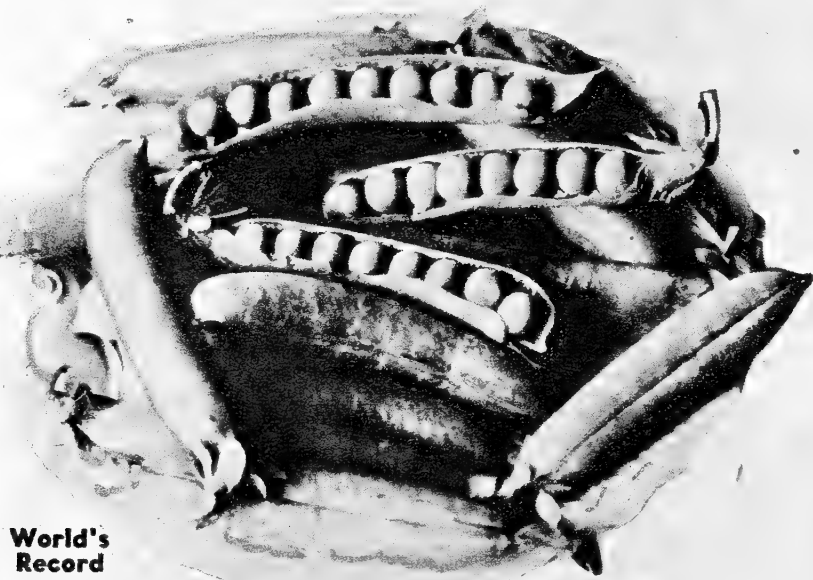
from 30 to 36 inches high. The deep green pods are square ended and 4 inches long, containing 7 Peas to the pod. This is a very heavy and even cropper. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 26c; 1 lb., 43c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.70; 20 lbs., \$5.20; 100 lbs., \$22.00.

AMERICAN WONDER or NOTT'S EXCELSIOR

The earliest of the dwarf wrinkled varieties. The vines are about a foot high and very prolific. The pods are light green, blunt, about 3 inches long and contain 6 to 7 medium sized Peas. A very popular and profitable home garden sort. $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.40; 20 lbs., \$4.60; 100 lbs., \$20.00.



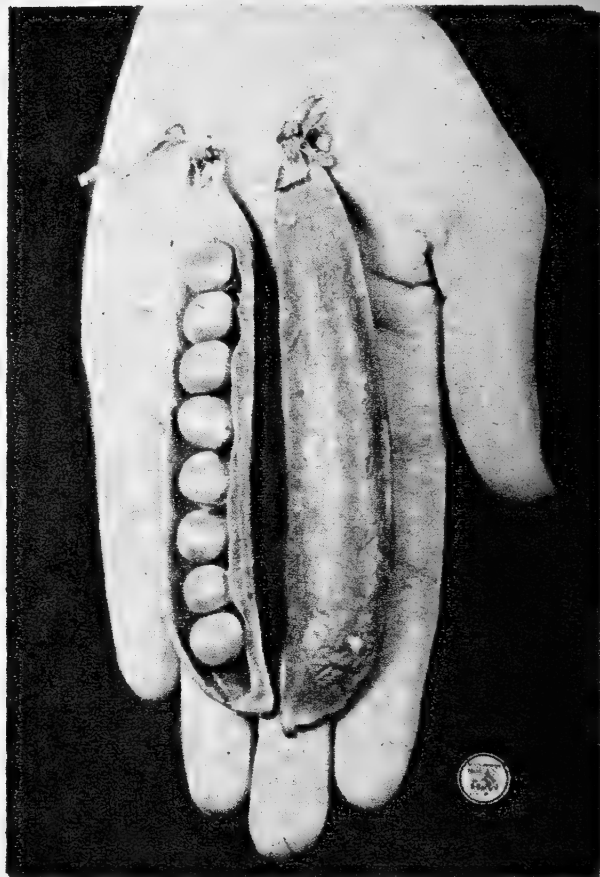
First of All



World's Record

WORLD'S RECORD or IMPROVED GRADUS

This is one of the earliest of the wrinkled seeded, large-podded varieties. The vines are from 2 to $2\frac{1}{2}$ feet tall, produce abundantly and bear throughout the season. The pods are 4 inches long, containing from 7 to 9 large deep green Peas. It is the market gardeners' favorite. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.90; 20 lbs., \$5.60; 100 lbs., \$24.00.



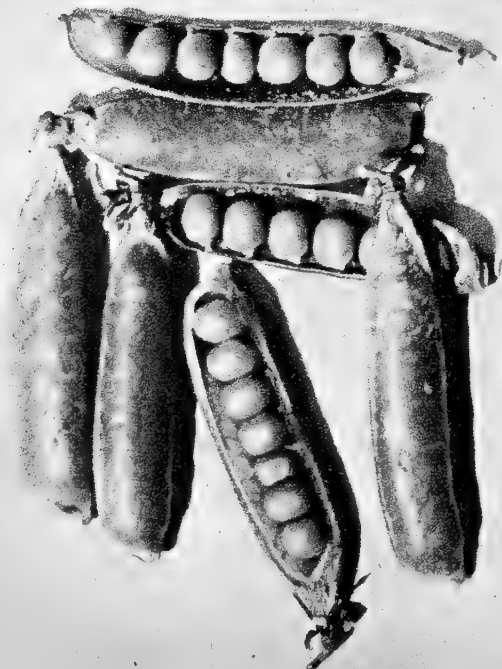
Little Marvel

ALASKA

This standard hardy and early smooth seeded variety is much used for canning and home gardening. The vines grow 30 inches tall. The light green pods are $2\frac{1}{2}$ inches long, square ended and contain from 5 to 8 Peas to the pod. $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 24c; 1 lb., 38c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 20 lbs., \$4.20; 100 lbs., \$18.00.

LITTLE MARVEL

One of the earliest of the wrinkled seeded sorts and one of the best and most satisfactory for the home garden because of its exceptional quality and yield. Remains in prime picking condition a week longer than most sorts. The vines are 18 inches high. The dark green, blunt ended 3 inch pods contain from 7 to 8 dark green peas, very tender and sweet. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.90; 20 lbs., \$5.60; 100 lbs., \$24.00.



NITRAGIN Garden Size, will treat up to 6 lbs. Price postpaid.

12c

EARLY DWARF PEAS

LITTLE GEM or PREMIUM GEM

An early dwarf Pea of delicious flavor, excellent for family use. The vines are about 18 inches in height and produce an abundance of medium green, plump, blunt ended pods $2\frac{3}{4}$ inches long, with 6 to 7 Peas to the pod. This is an old tried and proven favorite. $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.40; 20 lbs., \$4.60; 100 lbs., \$20.00.



Little Gem



Laxton's Progress

LAXTON'S PROGRESS

The largest podded and most attractive of the early dwarf varieties. The vines are 16 to 18 inches high; the handsome dark green pods are 4 to $4\frac{1}{2}$ inches long, with 7 to 9 extra large peas of superior quality to the pod. This productive sort should be in every home and market garden. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.90; 20 lbs., \$5.60; 100 lbs., \$24.00.

MAIN CROP VARIETIES

BLISS EVERBEARING. Prolific and bearing over a very long period. It grows to a height of $2\frac{1}{2}$ feet. The medium green pods are plump and blunt ended and contain from 6 to 8 large sweet Peas. A justly popular home garden variety. $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.40; 20 lbs., \$4.60; 100 lbs., \$20.00.

ALDERMAN. The best tall variety and the pick of the Telephone type. The vines are about 4 feet tall; the pods are from $4\frac{1}{2}$ to $5\frac{1}{2}$ inches long, carrying 8 to 10 very large Peas to the pod. This is the standard of high quality and an abundant yielder. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.90; 20 lbs., \$5.60; 100 lbs., \$24.00.

LINCOLN. Known in Canada as Homesteader. A very productive Pea of fine quality recommended for mid-season by the North Dakota Experiment Station. The vines grow 2 feet tall. The pods run from $3\frac{1}{4}$ to $3\frac{3}{4}$ inches long, containing from 6 to 8 medium green Peas of fine quality. One of the best yielders. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.90; 20 lbs., \$5.60; 100 lbs., \$24.00.

DWARF TELEPHONE or DAISY. A fine home and garden sort with vines growing 28 inches tall. The dark green pods are 5 to 6 inches long and contain from 7 to 9 peas. The flavor and quality are excellent. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.90; 20 lbs., \$5.60; 100 lbs., \$24.00.

Bliss Everbearing →

EDIBLE PODDED DWARF GRAY SUGAR

Height 2 feet. The pods are 3 inches long, curved and blunt, plump and fleshy. This sort is moderately early and very prolific. The pods are picked when the Peas are forming and are delicious when cooked as are string beans. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.90.

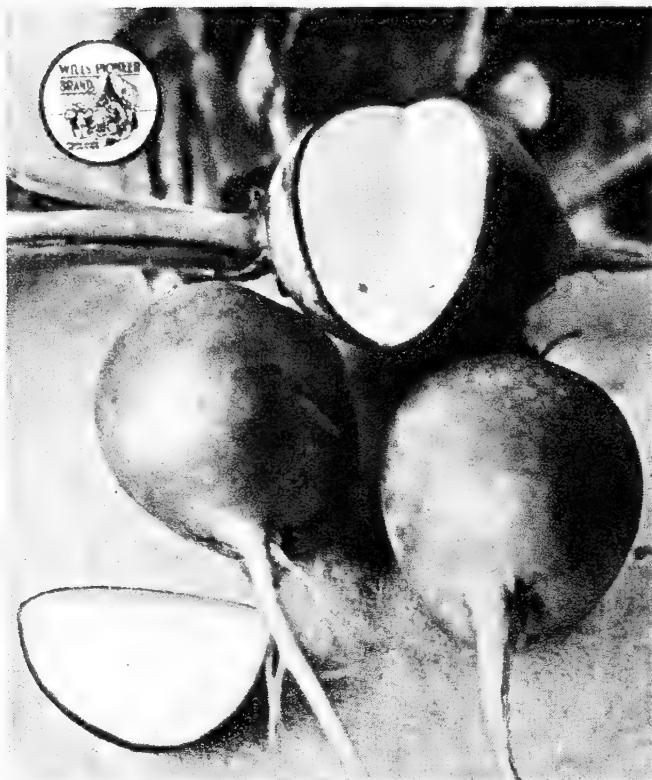


WILL'S RADISH SEED

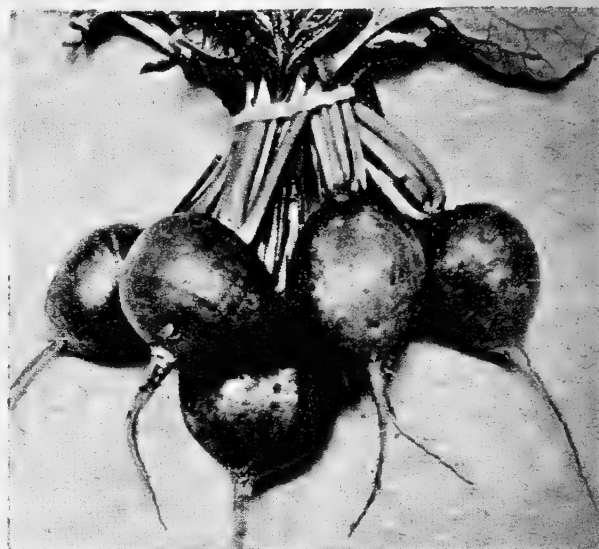
Culture. For early use the seed may be sown in hotbed. For open ground culture, sow in the Spring as soon as the ground can be worked in drills 10 to 12 inches apart. Sow every two weeks for a succession.

WILL'S EARLY CARMINE

Our old reliable extra early sort which has so long been the favorite throughout the Northwest. A bright carmine in color, almost round in shape, very early, mild and lasts well for an early sort; crisp and tender. Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 68c; lb., \$1.20, postpaid.



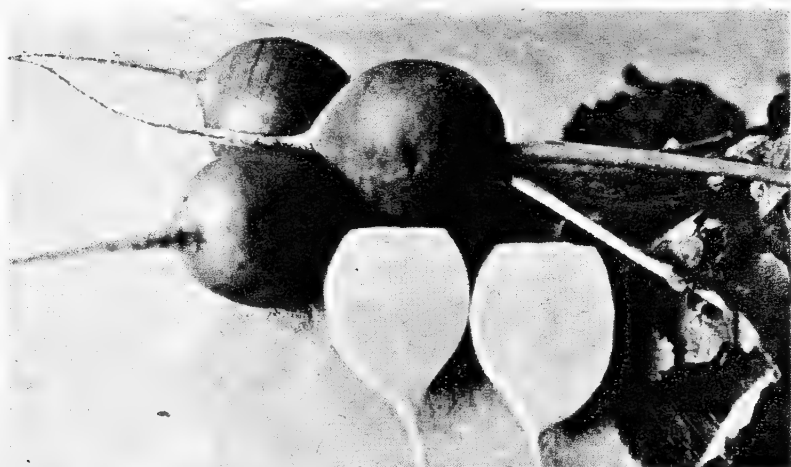
Will's Early Carmine



Saxa

SAXA

The Earliest Radish. The round, bright, scarlet roots are ready for the table 20 days after sowing. The tops are small and the quality high. We have a fine stock of this variety. Pkt., 5c; oz., 14c; ¼ lb., 45c; ½ lb., 78c; lb., \$1.40, postpaid



Crimson Giant Globe

CRIMSON GIANT GLOBE

An extremely large, globe shaped, deep crimson Radish of superior quality, and standing very long before becoming pithy. The white flesh is solid, crisp and mild. One of the best sorts for outdoor culture. Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 68c; lb., \$1.20, postpaid.

LONG SCARLET SHORT TOP

A home garden favorite, the smooth tapering roots are from 4 to 5 inches long, ¾ inch thick at the shoulder, smooth, dark red, with crisp white flesh. Pkt., 5c; oz., 14c; ¼ lb., 45c; ½ lb., 78c; lb., \$1.40.

WHITE STRASBURG

One of the best large, white late Summer sorts for home garden and market. The roots are about 5 inches long, thick at the shoulder and abruptly tapering. Pkt., 5c; oz., 14c; ¼ lb., 45c; ½ lb., 78c; lb., \$1.40, postpaid.



Giant Butter

GIANT BUTTER

Largest of the early Radishes, it will reach

a weight of 3½ ounces without becoming pithy. It retains its crispness and mild flavor longer than any other sort in our trials. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; lb., \$2.00, postpaid.

MODEL BOX

This popular turnip shaped Radish is the earliest white sort and ready for table in 25 days from sowing. Pure white, tender, crisp and mild. Pkt., 5c; oz., 16c; ¼ lb., 50c; ½ lb., 83c; lb., \$1.50, postpaid.



Model Box

I have been helping to make garden for 35 years and yours are the best seeds I ever used. I am always sure my seed will grow.—Mrs. J. B. Corbin, Dupo, Ill.

WILL'S RADISH SEED

EARLY SCARLET GLOBE

The market gardener's variety. One of the earliest forcing Radishes and does equally well outside. The bright scarlet roots are fair sized, globe-shaped and with very small top. We have as good a stock of this superb variety as is grown. Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 68c; lb., \$1.20, postpaid.

CHINA ROSE WINTER

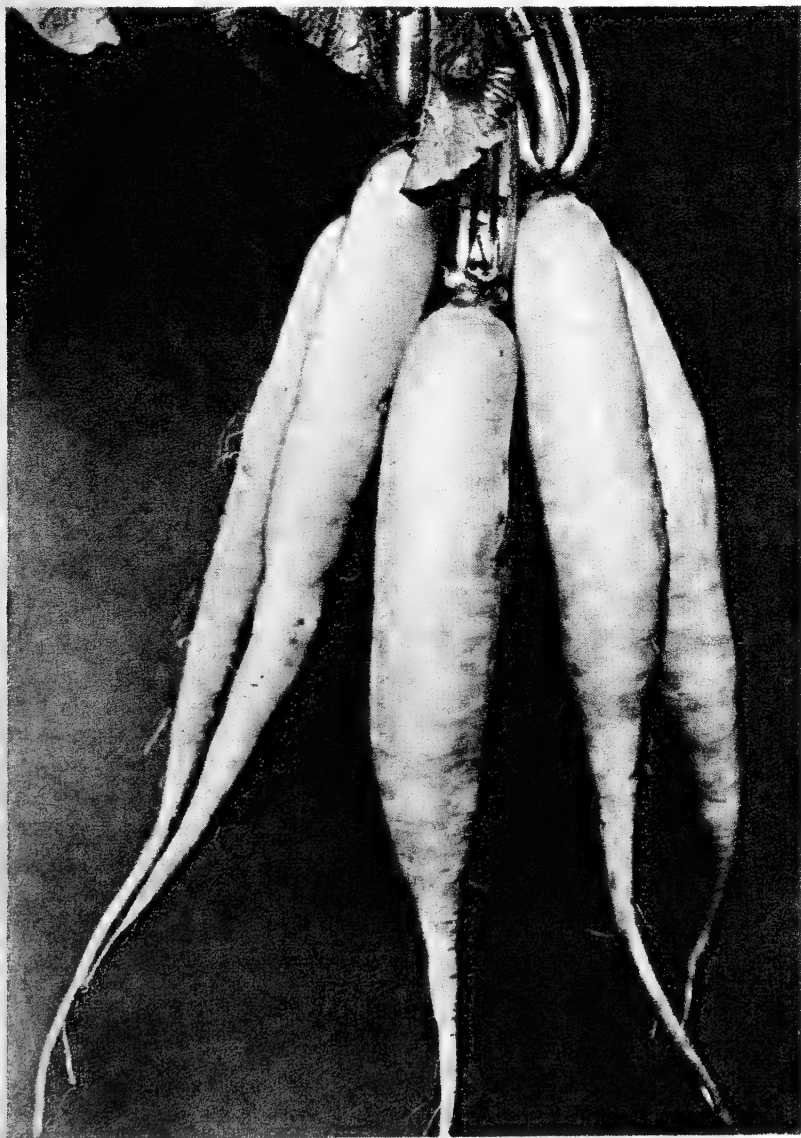
One of the very best Winter Radishes. The roots are cylindrical and blunt at both ends. The skin is bright, deep rose color and the flesh white and very crisp. Pkt., 5c; oz., 16c; ¼ lb., 50c; ½ lb., 83c; lb., \$1.50, postpaid.

BLACK SPANISH WINTER

One of the latest as well as the hardiest of Radishes. The skin is black and flesh white, solid, crisp and pungent. Keep well all Winter. Pkt., 5c; oz., 16c; ¼ lb., 50c; ½ lb., 83c; lb., \$1.50, postpaid.

WHITE ICICLE

Sometimes called Ladyfinger. The best early pure white Radish and the most crisp and tender of all Radishes. The handsome white roots are 6 inches long, tender, brittle, juicy and agreeably snappy, preserving these qualities longer than the red sorts. Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 68c; lb., \$1.20, postpaid.



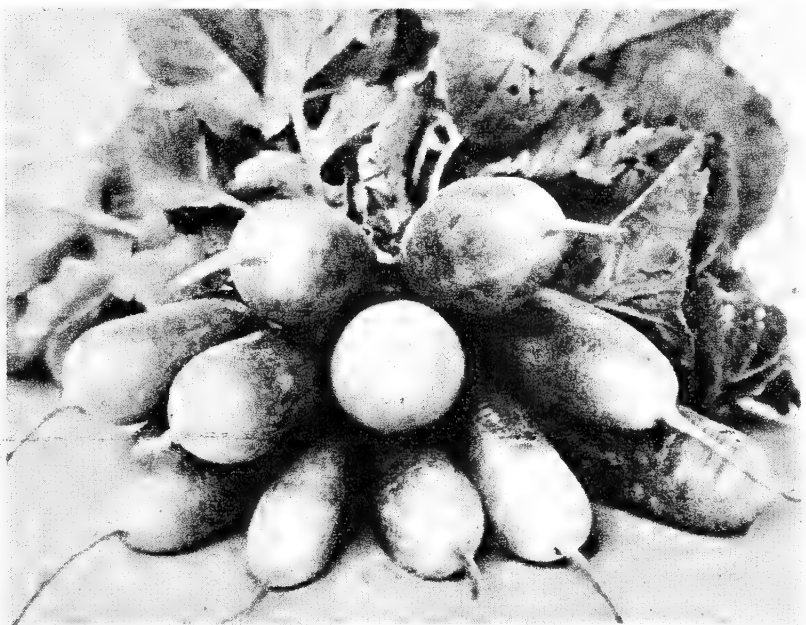
White Icicle



Sparkler

SPARKLER

Improved Scarlet Turnip White Tipped. This extra early strain is perhaps the most attractive Radish we have. The color is rich carmine-scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 68c; lb., \$1.20, postpaid.



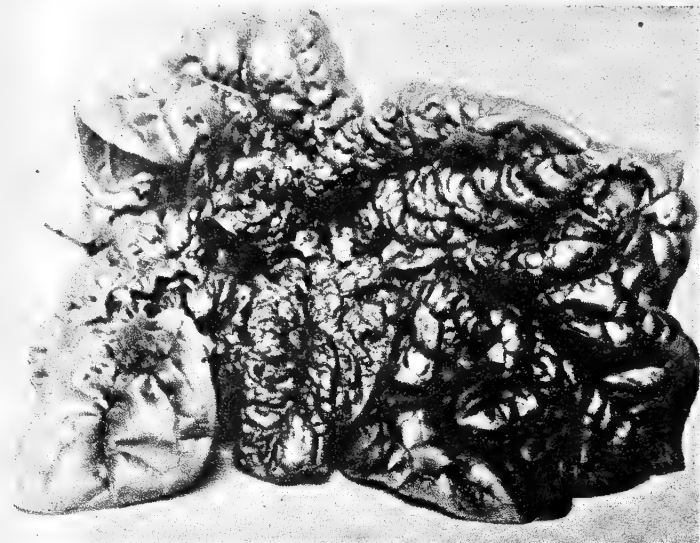
French Breakfast

FRENCH BREAKFAST

An oblong, very crisp and quick growing Radish, in color a bright rose-scarlet with white tip. It is very early, of fine quality, a great favorite on the market and unexcelled for the home garden. Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 68c; lb., \$1.20, postpaid.

We were highly pleased with Will's seeds that we used last year. Your catalog was completely worn out from loaning it to the neighbors.—Donald B. Rundell, Fort Peck, Mont.

A GOOD GARDEN ALWAYS PAYS



Bloomsdale Spinach

The standard extra early Spinach for home and market garden. The leaves are large, glossy deep green, blistered and crumpled. A heavy yielder. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., 95c, postpaid.

KING OF DENMARK. This variety is very slow to run to seed. The plants are early, vigorous and productive, and bushy in habit. The rounded leaves are crumpled, blistered, and a deep green in color. Probably the best sort for Northwestern conditions. Pkt., 5c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00, postpaid.

NEW ZEALAND. Not a true Spinach, this variety thrives in hot, dry weather. As the leaves are picked off, new shoots appear and yield a continuous supply of greens throughout the summer. 125 seeds to the packet. Pkt., 10c; oz., 28c; ¼ lb., \$1.00; ½ lb., \$1.85; 1 lb., \$3.50, postpaid.

PRINCESS JULIANA. A long standing spinach, very slow to bolt to seed and a most attractive sort. The leaves are large and rounded, thick, very much blistered and crumpled, and of an intense, very dark green color. Pkt., 5c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00, postpaid.

PEANUTS

SPANISH. Earliest Variety Grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. Pkt., 10c; ¼ lb., 18c; ½ lb., 32c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$1.50.

SPINACH

CULTURE: Sow in early spring, in rows not less than 12 inches apart, covering not more than one inch deep. Sow 2 weeks apart for succession. One ounce for 100 feet of row.

NOBEL—GIANT THICK LEAVED. A very rapid grower and the largest Spinach. The broad, deep green leaves are very thick and rather smooth, easily cleaned for cooking. A long standing and very heavy yielding variety. Pkt., 5c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00, postpaid.

BLOOMSDALE or SAVOY LEAVED.



New Zealand

SALSIFY or OYSTER PLANT

CULTURE: Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to 100 feet of drill. About 180 seeds to the packet.

MAMMOTH SANDWICH ISLAND. This is the best type of Salsify or Vegetable Oyster. The roots are very large, smooth and of fine quality and delicious flavor. Pkt., 10c; oz., 30c; ¼ lb., \$1.10; ½ lb., \$2.10; 1 lb., \$4.00, postpaid.

SQUASH

RED LODGE MARROW. This Marrow or Cocozelle Squash comes to us from the Italian settlement at Red Lodge, Mont. Originally from Italy, it is of high quality, exceptionally early and tremendously prolific. Pkt., 10c; oz., 25c, postpaid.

DAKOTA. Professor A. F. Yeager's cross between Table Queen and Mandan Squash. Top shaped, with dark green skin and pale orange flesh, Dakota is much earlier and more prolific than Table Queen and should be used in the same way. Pkt., 10c; oz., 25c.

EARLY MANDAN SQUASH. The Very Earliest Squash. This wonderful little Squash, obtained by us from the Mandan Indians, will ripen anywhere, notably in the Montana mountains, where squashes had never been grown before. It is hardy, drought resistant, and of fair quality. Pkt., 10c; oz., 20c; ¼ lb., 70c, postpaid.

GIANT SUMMER CROOKNECK. A variety early as common Crookneck and much larger, frequently two feet long. It is heavily warted, of bright golden color, brittle and tender. Pkt., 5c; oz., 17c; ¼ lb., 55c; ½ lb., \$1.00; 1 lb., \$1.80, postpaid.

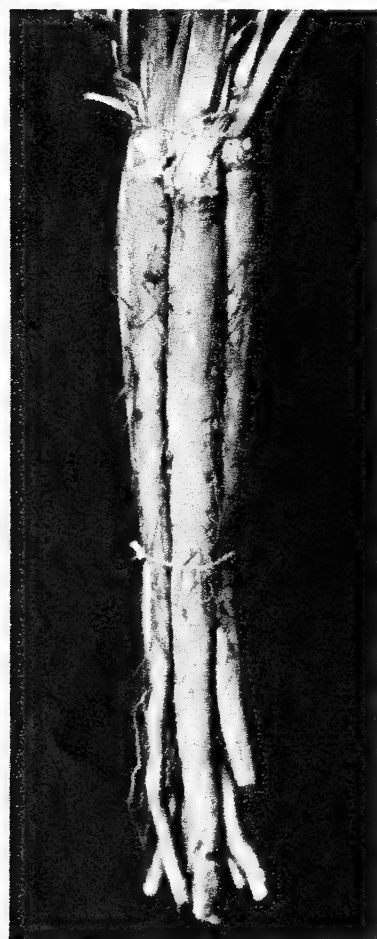
MAMMOTH WHITE BUSH. Cymling or Patty Pan. A very early Summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. Pkt., 5c; oz., 15c; ¼ lb., 48c; ½ lb., 80c; 1 lb., \$1.40, postpaid.



Table Queen

TABLE QUEEN—DES MOINES or ACORN.

The Individual Squash. A small, very productive, acorn-shaped variety, averaging 1½ pounds. The thin shell is ribbed and very dark green in color. The orange yellow flesh is thick and of excellent quality. A good keeper. Squash of this variety may also be used as summer squash if picked when half grown. Pkt., 5c; oz., 15c; ¼ lb., 45c; ½ lb., 75c; 1 lb., \$1.30, postpaid.



Salsify

ITALIAN MARROW—COCOZELLE. The most delicate and finest flavored Summer squash. Of compact bush growth, the vines yield heavily of fruit averaging 14 inches long and 5 inches in diameter, dark green in color with the yellow and green stripings. Used when 10 inches long and perfectly green. Pkt., 5c; oz., 16c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.60, postpaid.

Early and Hardy Varieties

Will's Winter Squashes

Culture: One ounce to 15 hills. Plant at same time as cucumbers and melons, in hills 7 to 8 feet apart for the Winter varieties. About 45 seeds to the packet of Winter Squash.



Banquet Squash

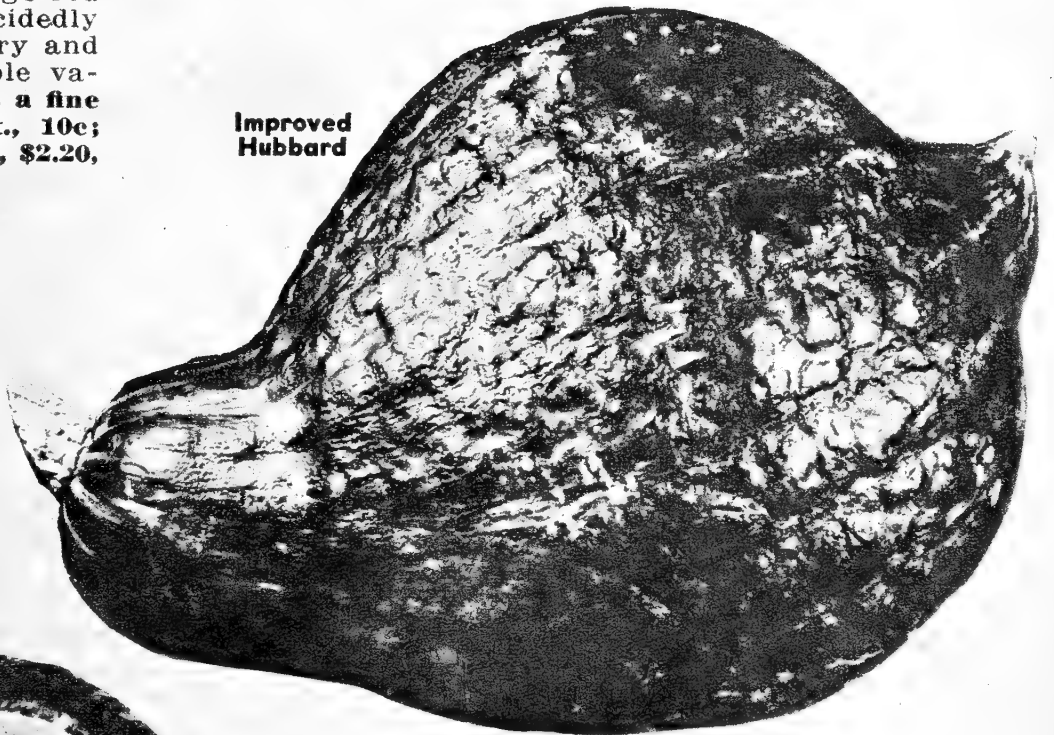
BANQUET. A golden squash, the result of our cross between Buttercup and Gilmore, earlier and more prolific than Buttercup with Buttercup shape, thick dry orange flesh and fine quality. We raised many tons of Banquet Squash in 1944. We're proud of this one. Pkt., 10c; oz., 22c; ¼ lb., 75c; ½ lb., \$1.35; 1 lb., \$2.50, postpaid.

I have always used Will's seed. My mother celebrated her 41st wedding anniversary this month and has always had a good garden with Will's seed.—Philip A. Weiser, Hazelton, N. Dak.

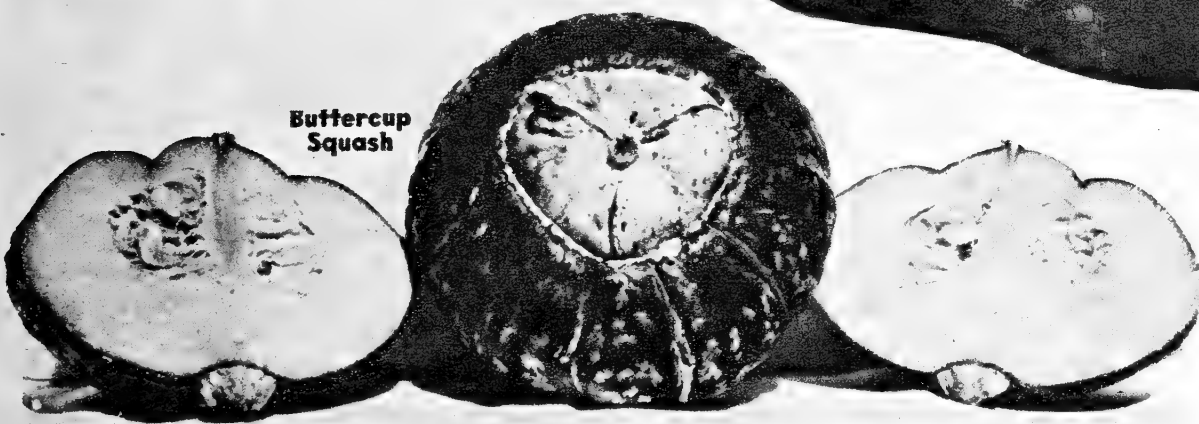
RED or GOLDEN HUBBARD. Similar to Improved Hubbard except for its orange-red color, but slightly smaller and decidedly earlier. The flesh is deep orange, dry and of splendid quality. A superior table variety and an excellent keeper, this is a fine variety for the home garden. Pkt., 10c; oz., 14c; ¼ lb., 65c; ½ lb., \$1.20; 1 lb., \$2.20, postpaid.

IMPROVED HUBBARD.

The Standard Winter Squash. More extensively grown than any other variety. The fruits are large, heavy and moderately warted. The shell is a dark bronze-green; flesh a deep orange yellow, fine grained, dry and sweet. Its quality is the standard of excellence. Pkt., 10c; oz., 19c; ¼ lb., 60c; ½ lb., \$1.10; 1 lb., \$2.00, postpaid.



Improved Hubbard



Buttercup Squash

BUTTERCUP. Originated in North Dakota by Professor A. F. Yeager. The squashes weigh between 3 and 5 pounds with thin, tough green skin. There is no fibrous section and the thick, rich orange flesh has no tinge of green. It is a good keeper with very little waste in cooking. The flavor is sweet and fine; the texture smooth and dry. A fine squash and our seed is the best obtainable. Pkt., 10c; oz., 22c; ¼ lb., 75c; ½ lb., \$1.35; 1 lb., \$2.50, postpaid.

ARIKARA. If you want the earliest large Winter Squash, the squash that will set fruit and outyield all others under drought conditions, plant the Arikara. The shell is salmon, varied with blue green; flesh orange tinged with green near the shell, of firm texture and fair quality. It is a wonderful keeper. Pkt., 10c; oz., 21c; ¼ lb., 70c; ½ lb., \$1.30; 1 lb., \$2.40, postpaid.

My grandfather, David H. Shibley, would use nothing but your seed and the same for my parents, the John Shibleys. I've bought seeds from other places, but always come back to yours because I like results when I plant.—Mrs. H. Stevenson, Warford City, No. Dak.

**Your 1945 Garden
Will Pay Big Dividends
with Will's Seeds**

Arikara



Culture. Sow in hotbed or shallow boxes in the house in early Spring, allowing 8 to 10 weeks from sowing indoors to setting in open ground; when plants are large enough, transplant into hotbed or boxes and when all danger from frost is past transplant into open ground, about four feet apart each way.

Will's Early VICTOR



Victor

FIRESTEEL. An early variety that has proven very productive under adverse conditions. The fruit is large, smooth and uniformly globe shaped, scarlet red in color and remarkably free from stem end cracking. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00, postpaid.

NEW HAMPSHIRE VICTOR. (See page 3 for picture.) Developed by Dr. A. F. Yeager at the University of New Hampshire. A cross of Allred and Marglobe, perhaps 2 or 3 days later than the original Victor, but an improvement in several respects, particularly disease resistance. Pkt., 15c; ½ oz., 60c; oz., \$1.00, postpaid.

MILLET'S DAKOTA. The hardest, most drouth resistant early Tomato. Originated by the late John W. Millet of Bismarck, and introduced by us in 1913, it is as early as the earliest strain of Earliana. The fruit is medium sized, smooth, and rich deep scarlet, of high quality. Under unfavorable conditions we believe it will outyield other varieties and we have been surprised at its amazing performances under irrigation. Pkt., 10c; oz., 70c, postpaid.

BONNY BEST. A popular second early sort, fine for both home and market garden. The good sized, bright scarlet Tomatoes are flattened globe shape and of very fine quality. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.90, postpaid.



Orange King

WONDERBERRY—GARDEN HUCKLEBERRY. Not a true Huckleberry, but belonging to the same family as do Tomatoes, Eggplant, and Pepper, this is very productive of round, nearly black fruits, but little smaller than a Concord Grape. These fruits when fully ripe make excellent pies, preserves, and jam. Pkt., 10c; oz., 65c.

Bronze Medal winner, All-America Selections for 1941. A fine contribution by Dr. A. F. Yeager to Tomato Progress. Brought out at the Michigan State College. This is a cross between Allred and Break O'Day. In Victor are combined the determinate or self-pruning habit of Allred and Bison, the earliness and uniform color of Allred, and the smoothness of Break O'Day. The somewhat flattened fruits are a desirable red in color, very fleshy and resist cracking. Market quality is very high and culls few. If you want earliness, high quality and yield, try Victor. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00, postpaid.



Earliana

EARLIANA. (Standard Strain). One of the earliest varieties and very productive. The fruit is fair sized, round, very smooth and solid and produced in clusters in the center of the plant. The color is bright scarlet. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.10; 1 lb., \$7.90, postpaid.

**Tomato Plants
Listed on Page 58**

ORANGE KING. A midseason bright orange Tomato developed by Dr. A. F. Yeager, now of the University of New Hampshire. A heavy yielder, the fruits are a little larger than those of Victor. The interior color is also a bright orange, much more attractive than ordinary yellow Tomatoes, and the juice is much the color of orange juice. Tests indicate a higher vitamin content than that of red varieties. Pkt., 15c; ½ oz., 50c; oz., 90c, postpaid.

JOHN BAER. Slightly earlier than Bonny Best, a heavy yielder of smooth, firm, medium sized, flattened globe shaped, scarlet fruits. Pkt., 10c; oz., 55c; ¼ lb., \$1.90, postpaid.

MARGLOBE. An all-purpose, midseason Tomato developed by the U. S. Department of Agriculture. The fruits are medium large, nearly globular, smooth and solid. This variety is resistant to wilt. Pkt., 10c; oz., 55c; ¼ lb., \$1.90, postpaid.

Hardy Tomatoes

The Tomato for BISON Northern Gardens

BISON. The first of Dr. Yeager's self pruning or determinate Tomatoes and a standby in this section. The compact plant puts all its energies into producing and ripening a heavy and extra early crop of solid, meaty, medium sized red Tomatoes of finest quality. Pkt., 10c; ½ oz., 40c; oz., 70c, postpaid.

Your Bison Tomatoes are a Godsend here . . . The Bison is the only one that will ripen outdoors in here.

Mrs. B. Price

314 Third Avenue, Fairbanks, Alaska.

**Tomatoes
The Most
Profitable
Garden
Crop
for a
small
area.**



Window Box

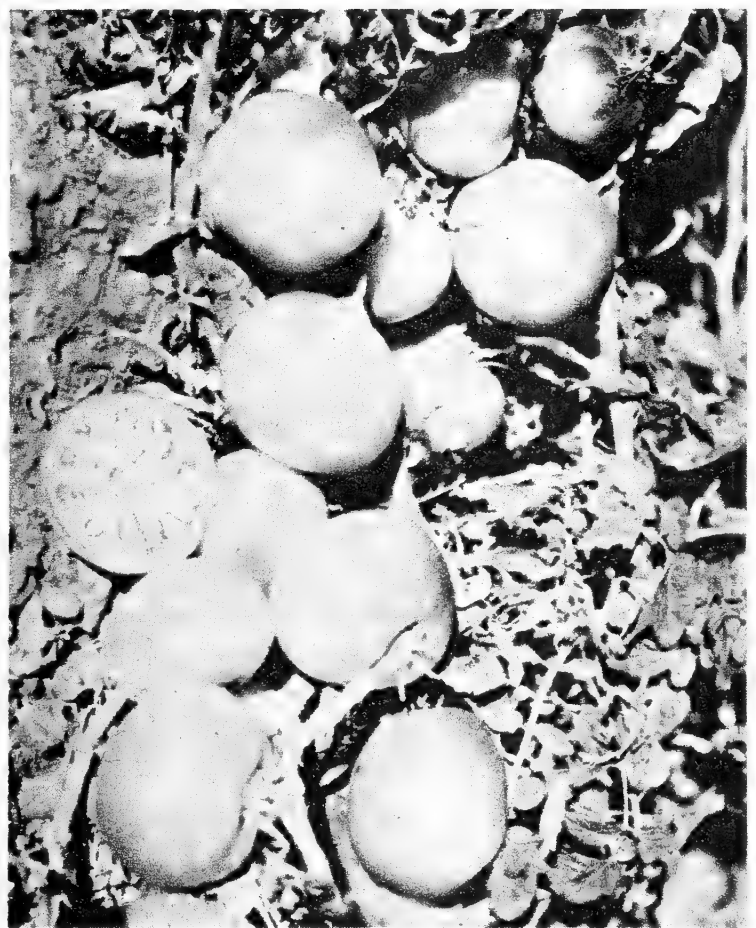
WINDOW BOX. Extra Early. (See inside front cover for colored picture.) Distinctly a novelty — the plants are 18 to 22 inches across and yield heavily of small, meaty, few seeded, high quality Tomatoes. This is another of Dr. A. F. Yeager's productions. Pkt., 15c; ½ oz., 60c; oz., \$1.00, postpaid.



Chatham (Some foliage cut away)

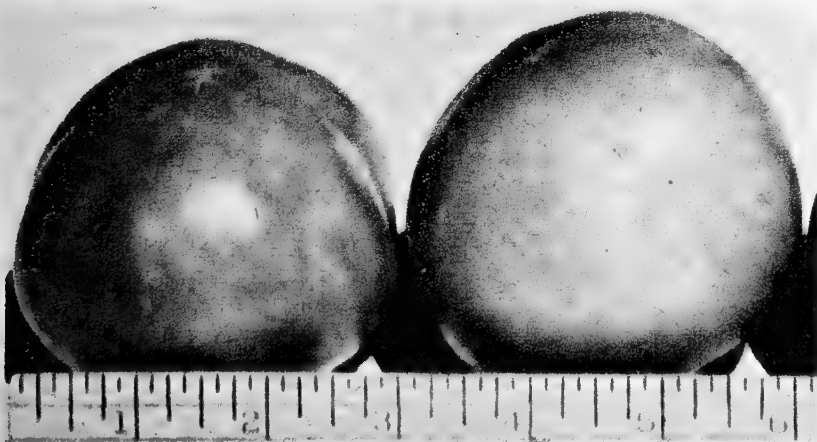
CHATHAM. The longer we grow Chatham, the better we like it. Developed from crosses made by Dr. A. F. Yeager, by the Upper Peninsular Experiment Station, Chatham, Michigan, for home gardens in areas of short growing seasons. The plant is determinate; the fruits are good sized—the largest of any extra early variety, all over ripening, of high quality, smooth uniform shape and good color. Can be sown in open ground with good results, with of course earlier Tomatoes if started indoors. Pkt., 15c; ½ oz., 50c; oz., 80c; ¼ lb., \$2.50, postpaid.

RED RIVER. One of the earliest and most solid, meaty early sorts we have ever seen, Red River is a heavy producer of bright scarlet, medium sized, slightly flattened smooth fruits of solid meat and splendid flavor. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00; 1 lb., \$7.50, postpaid.



Red River

For Small Fruited Tomatoes See Next Page (46)



Bounty

For Paper Pots See Page 21.

BOUNTY or N.D. No. 40. This is a first cousin to Victor and has outyielded it in some tests. Very similar in appearance. Postpaid, pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00, postpaid.

Last year, through some very regrettable and careless mistake we have learned from customers' reports that we sent out some seed as Bounty that was not Bounty. If this happened to you, tell us the quantity you bought and we will send you that amount of good Bounty seed.



Strawberry or Ground Cherry

Small Fruited Tomatoes

YELLOW PEAR. Pear shaped, about an inch in diameter, attractive, fine flavored and prolific. Pkt., 10c; ½ oz., 40c; oz., 70c, postpaid.

YELLOW PLUM. A beautiful sort, much resembling a plum in size and shape; widely used for preserving. Pkt., 10c.

RED CHERRY. The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. Pkt., 10c; ½ oz., 40c; oz., 70c, postpaid.

GROUND CHERRY, HUSK or STRAWBERRY TOMATO. Not a true Tomato, the round yellow fruits are half an inch in diameter, enclosed in thin paper-like husks. A heavy yielder, very sweet, and used mostly for pies and preserves. Pkt., 10c; ½ oz., 40c; oz., 75c, postpaid.

Will's Rutabagas

CULTURE: Sow latter half of June or first of July. Plant about ½ in. deep. Rows should not be less than 20 inches apart. Thin to 8 to 10 inches apart in the row. One ounce will sow 250 ft. of drill; 1½ lbs. an acre of drill, and 2½ lbs. an acre broadcast. About 1,900 seeds to the packet.



Will's Improved Rutabaga

PAJBJERG BANGHOLM. The roots are purple-topped and yellow with very small necks. The flesh is yellow, exceedingly solid and crisp. This is the sweetest Rutabaga, a heavy yielder and a splendid keeper. Pkt., 5c; oz., 11c; ¼ lb., 32c; ½ lb., 53c; 1 lb., 85c, postpaid. Not prepaid, 5 lbs., \$3.50.

WILL'S IMPROVED AMERICAN PURPLE

TOP YELLOW. The roots are large, globe shaped, with small necks and tap roots, bright yellow with purple tops. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy, productive and a good keeper. Pkt., 5c; oz., 11c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 80c, postpaid. Not prepaid, 5 lbs., \$3.25.

EARLY NECKLESS. A purple top yellow Rutabaga, three weeks earlier than American Purple Top, entirely neckless, free from side roots, round and uniform, of fine quality. Pkt., 5c; oz., 11c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 80c, postpaid. Not prepaid, 5 lbs., \$3.25.

WHITE SWEET PERFECTION. This white Rutabaga is a heavier yielder than most of the yellow sorts. Especially desirable for table use, it is small necked, fine grained and sweet. Pkt., 5c; oz., 12c; ¼ lb., 33c; ½ lb., 55c; 1 lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.75.



Purple Top White Globe Turnip

CULTURE: Sow seed early in spring for summer crop and about July first for fall crop. Culture and quantities same as Rutabaga, but do not require as much thinning. About 2,200 seeds to the packet.

Turnips

PURPLE TOP STRAPLEAF. Widely cultivated, a quick grower, and very productive. The roots are flat, medium sized, purple above ground and white below. The flesh is white and of fine quality. Pkt., 5c; oz., 10c; ¼ lb., 29c; ½ lb., 48c; 1 lb., 75c, postpaid.

EARLY WHITE MILAN. The earliest Turnip, can be used for spring or summer planting. The creamy white roots are medium sized, flat and uniform. The white flesh is fine-grained, tender

and sweet. Pkt., 5c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00, postpaid.

PURPLE TOP WHITE GLOBE. The most popular variety for general use. A good sized, globe-shaped sort of a fine appearance, a good producer and keeper. The flesh is firm, fine-grained, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 29c; ½ lb., 48c; 1 lb., 75c, postpaid.

WHITE EGG. A medium sized, very early, snow-white variety, with firm, fine-grained flesh. Does not crack as readily as the flat varieties. Pkt., 5c; oz., 10c; ¼ lb., 29c; ½ lb., 48c; 1 lb., 80c, postpaid.

GOLDEN BALL. The Best Yellow Globe Turnip. The orange yellow roots average 4 inches in diameter, with fine grained yellow flesh of excellent quality. A good keeper. Pkt., 5c; oz., 11c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 80c, postpaid.

We had such good luck with all your seeds last year. It seemed that every seed came up, and the tomatoes were wonderful.—William Dickman, Box 16, Woodbridge, California.

PIONEER HYBRID SEED CORN

We are the only commercial Seed House in the North that has conducted a long continued project of Corn in-breeding and crossing with special reference to Northern Plains conditions.

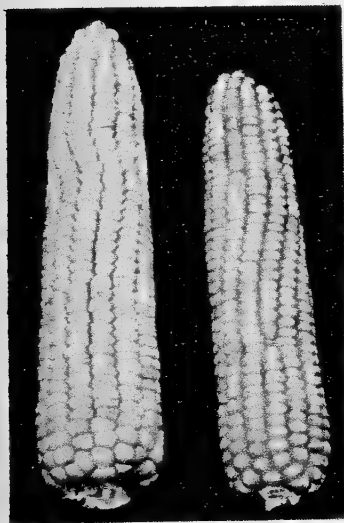
We are offering this year nine Hybrids, particularly adapted to the Northern Plains and Midland country. It is too bad that the real value of adapted hybrids has been obscured by the promiscuous selling of hybrids in no way adapted to the territory by gullible or irresponsible dealers who did not know what hybrid meant and did not care.

We offer seven of our own hybrids, products of ten to twenty years of breeding and testing. We know that they will outyield similar types of common seed corn, stand up better and be easier to pick.

We offer also two early yellow dent hybrids from the corn breeding department at the State Experiment Station.

Try hybrids bred for the Northern Plains and you will be surprised and delighted by the results.

We have tested these all for several years and find that they yield well above the ordinary strains of corn and possess greater vigor and strength. Yield depends on several factors. They are: number of ears to the stalk, number of stalks to the hill, size of the ears, and maturity of the ears at the average frost date. We believe that our hybrids will make a high score under each of these headings.



Hybrid "C"

Prices of Hybrids—Large and Medium flat. Postpaid, lb., 50c; F. O. B. here, 7 lbs. (enough for 1 acre), \$1.40; ½ bu., \$5.50; bu., \$10.00.

Large and Medium round. F. O. B. here, 7 lbs., \$1.30; ½ bu., \$4.00; bu., \$7.50.

PIONEER HYBRID "A." (See inside front cover.) 80 days. This is a cross from four inbred Falconer strains. The result is a uniform Falconer type corn, somewhat more upright, easier to pick and better yielding.

PIONEER HYBRID "B." 85 days. A Northwestern Dent inbred combination. Higher yielding and stronger than the common; very leafy.

PIONEER HYBRID "C." 85 days. A very heavy yielder of early maturing ears produced from inbreds of Rustler and Falconer. Very hardy and drought resistant. Strong and upright.

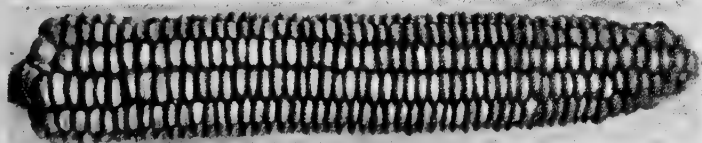
PIONEER HYBRID "D." 85 days. Combines the yellow dent qualities of two Alta inbreds with the hardiness, earliness, drought and cold resistance of two outstanding Falconer inbreds. A large eared yellow semi-dent that grows straight and tall and yields very heavily.

PIONEER HYBRID "J." 90 days. A fine pure yellow Dent with extraordinary wind and storm resistance. Tall, ears high, a heavy yielder.

NODAK HYBRID NO. 201. 85 days. This is our first offering of a hybrid from the State Agricultural College, a result of the breeding work by Mr. Wiidakas. It is a fine appearing pure yellow dent corn of fine habit and very prolific. Seems best adapted to moist conditions.

NODAK HYBRID NO. 203. 85 days. Somewhat earlier than No. 201 and a little sturdier. We have found it to do somewhat better under our local conditions. A beautiful appearing yellow dent.

HYBRIDS ESPECIALLY FOR HOGGING OR SHEEPING OFF. These two hybrids between dent and flour corn are the heaviest yielders of any varieties we have ever seen. They do not grow very high and are easily reached by the feeding animals. The flour corn parent gives them a softer quality which makes them more easily chewed and ground up. We have produced them in response to a growing demand for this type of corn.



Hybrid "H"

PIONEER HYBRID "H." 80 days. This is a combination of a white flour corn single cross on a Crimmins Rustler single cross.

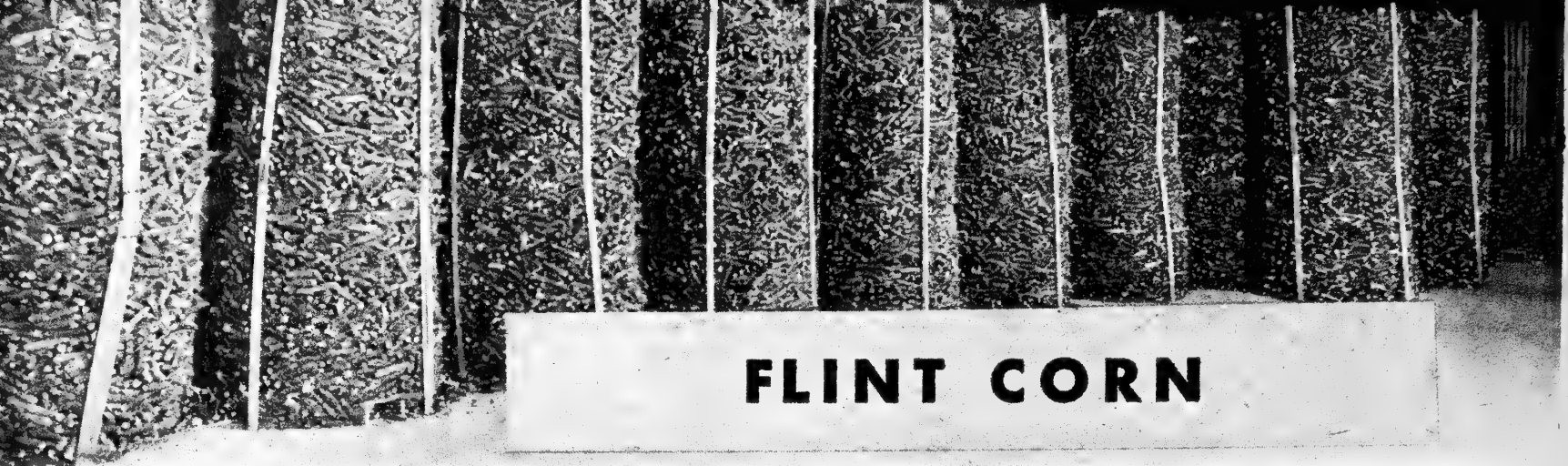
PIONEER HYBRID "I." 80 days. A cross between Falconer and white flour corn, a trifle earlier than "H," a mixed yellow and white in color.



Our Inbreeding Plot



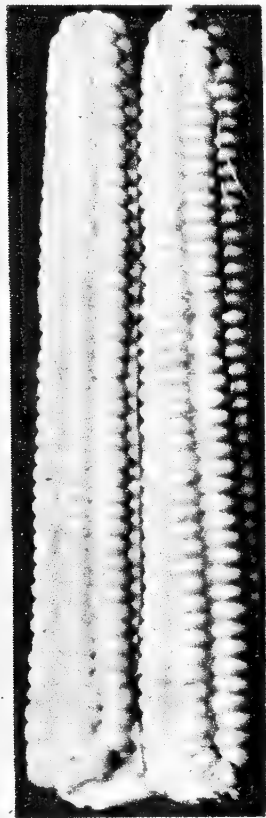
Hybrid "D"



FLINT CORN

DAKOTA WHITE FLINT

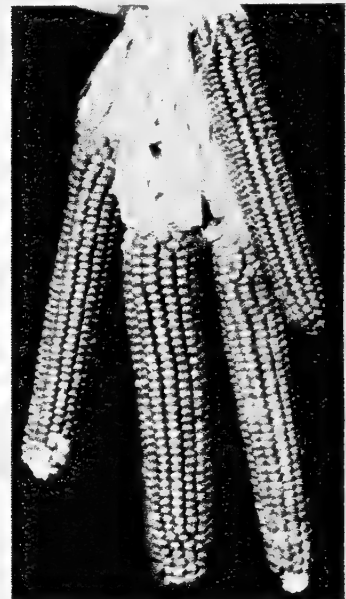
The first variety produced by Oscar H. Will in the early eighties. A pure, pearly white flint, 8 to 12 rowed, long slender ears with small cob and a great deal of grain. Many ears to the hill, and yields of 50 bu. per acre have been reported. Stalks are leafy and bushy, a wonderful variety to feed off in the field. Height from 3½ to 5½ ft. Lb., 35c, postpaid. F. O. B. here: 10 lbs., \$1.30; ½ bu., \$3.00; bu., \$5.25.



Dakota

WILL'S GEHU YELLOW FLINT

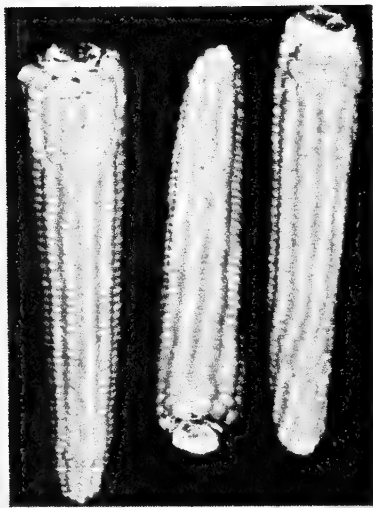
The best known of our native early flints. We have shipped it to every continent. It has been carefully bred by us for years and shows the effect of this breeding. Its feeding qualities are the highest of any variety of Corn, it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk, and every part of the plant is utilized. It is drought, frost and hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a Corn binder. Gehu is of a lemon-yellow color, ears mostly twelve-rowed, 7 to 10 inches in length. Stalks 4 to 6 feet. Ears 10 to 18 inches from the ground. Lb., 35c, postpaid. F. O. B. here: 10 lbs., \$1.30; ½ bu., \$3.00; bu., \$5.25.



Gehu

MERCER FLINT

A fine silage variety with stalks 6 to 8 ft. high, leafy, with slender stalks, ears long and slim, several to a hill, color orange yellow. A second early sort that does not always mature in short seasons. Fine to feed in the bundle as well as for silage. We have an extra good acclimated strain. Lb., 35c, postpaid. F. O. B. here: 10 lbs., \$1.25; ½ bu., \$2.75; bu., \$5.00.



Mercer



Dakota Squaw

BURLEIGH CO. MIXED or

DAKOTA SQUAW CORN

Hardy—Early—Heavy Yielding. This is a mixed form of the early flint and is the first variety listed by us after our business was started. It is very resistant to both drought and frost, and fully as heavy a yielder as any variety of early flint. It is of mixed colors, yellow, white, blue and red predominating, ears long and slender, mostly eight-rowed. This Corn shells out heavier than any other variety. Lb., 35c, postpaid. F. O. B. here: 10 lbs., \$1.30; ½ bu., \$3.00; bu., \$5.50.

FALCONER SEED CORN

Oscar H. Will & Co. Strain—Highest
Yielding Corn for the Northwest

Falconer corn is grown by the hundreds of thousands of acres now and many thousands of these acres are off type, unselected or poorly selected scrub corn of the poorest type and certain to make inferior yields.

We introduced Falconer Corn. Falconer in careful tests over most of our state has outyielded every variety including many hybrids.

The answer seems obvious then. Buy genuine Falconer of true, high yielding strain from Oscar H. Will & Co.

Lb., 35c, postpaid. F. O. B. here, 10 lbs., \$1.25;
½ bu., \$2.75; bu., \$5.00.



**A CORN HANDBOOK
FOR THE NORTHWEST**
Corn Varieties, Corn Planting, Growing, Harvesting
This book covers the subject of Corn for the Great Plains and the Northwest fully and treats of corn growing in every department. Written clearly and concisely, it can be used as a text book in agricultural classes. Price, 50c. Postpaid, 60c.



WILL'S ORIGINAL NORTHWESTERN DENT

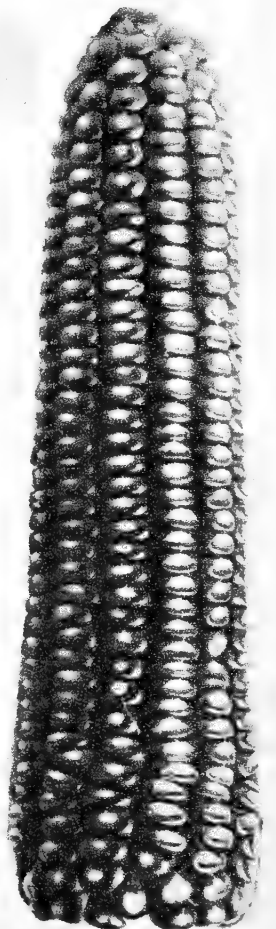
The original Northwestern Dent Corn, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was introduced by Oscar H. Will in 1896, and almost immediately attained great popularity over the whole Northwest. So much so in fact that corn of every type, color and description has since been sold under the name which we gave to this early red dent. Bloody Butcher and Calico from South Dakota and Nebraska have disappointed many a farmer who had bought them as Northwestern Dent, and found them too tall and too late to be of any value. The only safe plan therefore is to buy Will's Original Northwestern Dent from Oscar H. Will & Co.

It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drought resistance. It ripens in 80 to 85 days. F. O. B. Bismarck, 10 lbs., \$1.20; ½ bu., \$2.75; 1 bu., \$5.00.

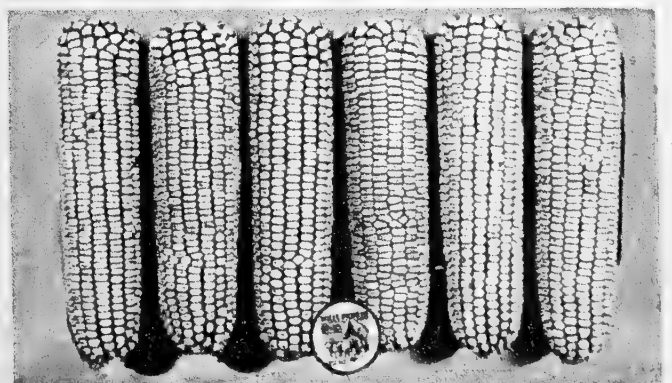
For Northwestern Dent Hybrid Corn see page 47. Hybrid "B" is a combination of four Northwestern Dent inbreds and is an improvement in hybrid and yield.

EARLY TYPE MINNESOTA 13

We offer two strains of Minn. 13 with 85 to 95 days' maturity. The Haney Strain is best adapted to the heavier soils and moisture climate; the Boyd Strain is adapted to Great Plains conditions. Your order will this year be filled with whichever one you request until one or the other is sold out. We shall then send what we have. Postpaid, lb., 35c. F. O. B. here, 10 lbs., \$1.25; ½ bu., \$2.75; bu., \$5.00.



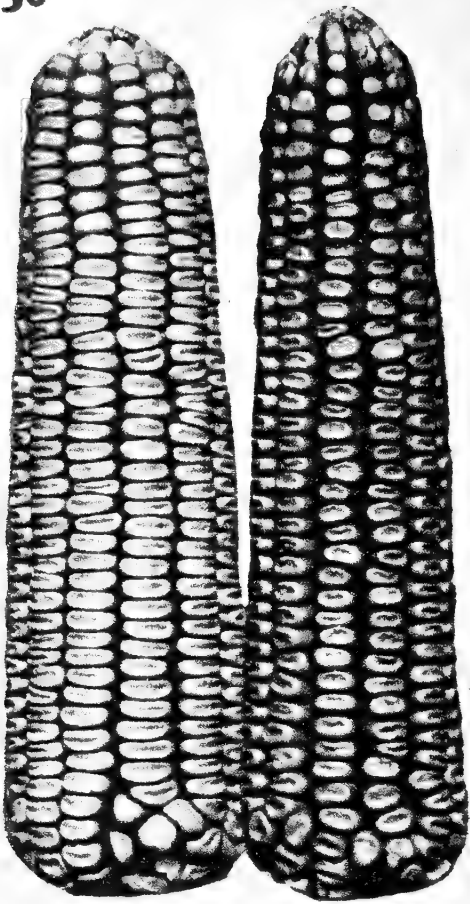
Northwestern
Dent



Minnesota 13



SQUARE DEAL YELLOW DENT

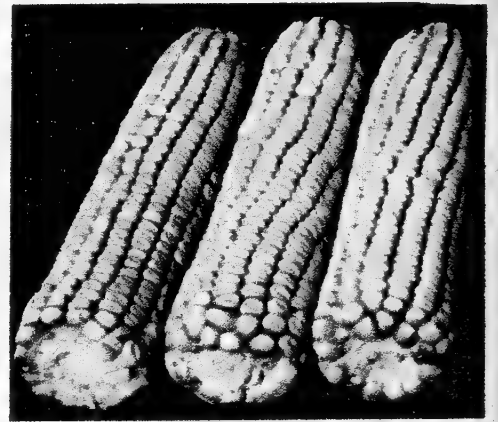


Square Deal

An Oscar H. Will introduction some thirty-five years ago, Square Deal is still the earliest of all yellow dents. The ears are short and solid, the kernels are very deep and the shelling proportion is very high. Prefers rather moist soils. Lb., 35c, postpaid. F. O. B. here, 10 lbs., \$1.25; ½ bu., \$2.75; bu., \$5.00.

ALTA DENT

As early as the early strains of Minnesota 13, bred in western South Dakota and consequently especially adapted to drier conditions and higher altitude. A handsome and valuable pure yellow dent. Matures in 90 to 95 days. F. O. B. here, 10 lbs., \$1.25; ½ bu., \$2.75; bu., \$5.00.



Alta Dent

RUSTLER WHITE DENT—

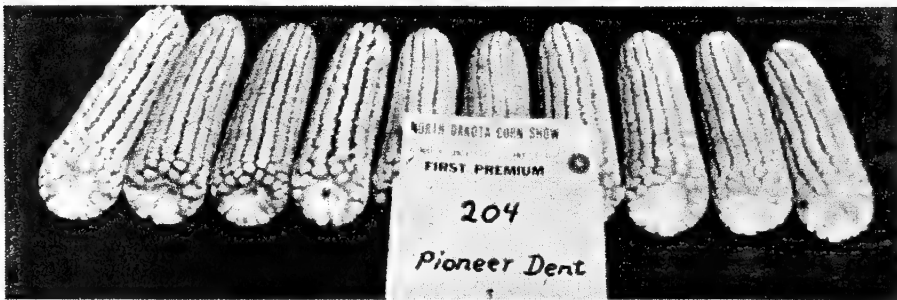
Crimmins Strain

This especially adapted strain of the rather late Rustler for central and western North Dakota has been bred by Mr. D. C. Crimmins. He is a corn breeder of note, winner of many premiums at the State Corn Show, and in this strain of Rustler has given us a very valuable corn. Lb., 35c, postpaid. F. O. B. here, 10 lbs., \$1.25; ½ bu., \$2.75; bu., \$5.00.

PIONEER WHITE DENT

Ears average 6 to 8 inches long, nearly cylindrical, 14 to 16 rows, white with occasional pink shading. Stalks 5 to 7 ft., ears 2 ft. up. Lb., 35c, postpaid. F. O. B. here, 10 lbs., \$1.25; ½ bu., \$2.75; bu., \$5.00.

The earliest and hardiest White Dent in cultivation. Also the most drouth resistant dent that can be grown. Easy to pick, even in maturing.



Pioneer Dent



Crimmins Rustler

RAINBOW FLINT FOR THE SILO

Drouth Resistant—A Tremendous Yields



Rainbow Flint

We have two strains. The Great Plains Strain was developed at the U. S. Great Plains Field Station at Mandan, is earlier and better adapted to Great Plains conditions.

The South Dakota Strain is somewhat taller and later.

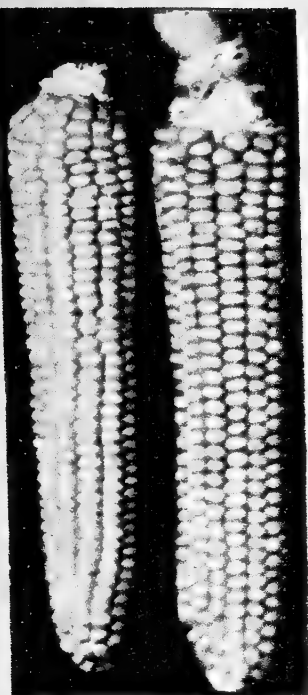
We cannot be sure which strain we can supply but will try to supply the kind ordered. If one is sold out we shall fill orders with what we have on hand. Lb., 35c, postpaid. F. O. B. here: 10 lbs., \$1.25; ½ bu., \$2.75; bu., \$5.00.

FLOUR CORN for HOG & SHEEP FEEDING in THE FIELD

Owing to its soft kernels, easily ground and digested and to its very heavy yield flour corn is the ideal for hogging or sheeping off. Produces more than any dent variety, is short and easily reached.

PRIDE OF THE PLAINS. An early 85 day, bushy, very prolific white flour corn—a cross between Mandan and Pueblo Indian varieties. The best available corn and heaviest yielder for feeding off in the field. F. O. B. here, 10 lbs., \$1.00; ½ bu., \$2.75; bu., \$5.00.

MANDAN WHITE FLOUR. Ten days earlier than Pride of the Plains. Very prolific. Price same.



Flour Corn Ears



Many-eared Flour Corn

Almost perfect as a **silage corn**. This is a mixture of off type early dents and semi-dents with a previous year's cross. This sort of combination means heavy growth and yield combined with the natural earliness of its components. Easily handled with a binder. Lb., 30c, postpaid. F. O. B. here: 10 lbs., \$1.00; ½ bu., \$2.00; bu., \$3.75.

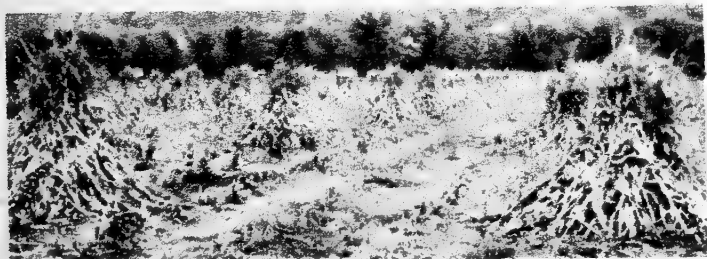
ACME FODDER—A Natural Hybrid

4X FODDER CORN—Southern Grown, Tall, Leafy

The 4X is, we consider, the very best procurable fodder Corn for Northwestern conditions. We get this grown just far enough south so that **maximum quantity of fodder is produced** and at the same time the stalks come near enough to maturity so that they are **not all water**. The best time to cut Corn for fodder is when the kernels are just past the roasting ear stage. Sow or drill ten pounds to one-half bushel per acre, if planted with a planter; 2½ bu. if broadcasted. F. O. B. here, 10 lbs., 60c; ½ bu., \$1.50; bu., \$2.50.

SWEET FODDER CORN—Wonderful Feed for Milch Cows

Sweet Fodder is coming to occupy a place of very high esteem as a feed for milch cows. Owing to the fact that its **sugar content is so high** it is a more concentrated feed than the ordinary Corn. It is likewise a heavy yielder as it is so bushy, and there are no heavy, coarse stalks which are usually waste. Lb., 30c, postpaid, F. O. B. Bismarck, 10 lbs., \$2.20; 50 lbs. or more @ 17c per lb.



Acme Fodder



4X Fodder

UNUSUAL CORN VARIETIES FOR EXPERIMENT AND TRIAL

We know that many of our customers are interested in experimental work with Corn and in the observation of novel and little known sorts. We have therefore listed here a few of the many unusual types that we are constantly growing and observing, and we hope to present others each year.

Price, lb., postpaid, 50c; F. O. B. Bismarck, 5 lbs., \$1.00.

RUSSIAN EXTRA EARLY. Corns from Siberia and the colder parts of Russia, very remarkable for earliness and height of stalk for such early corn. We have several kinds.

THREE WAY CROSS. Russian flint. Alta Dent. Falconer. An interesting corn.

ARGENTINE. A long eared white flint from Argentina.

ZUNI BLUE. Blue flour corn from the Zuni Indians.

WINNEBAGO BLUE. A blue flour corn from the Winnebago Indians of Wisconsin.

MANDAN & ARIKARA INDIAN CORN. We can supply from these tribes White Flour and Blue Flour.

RUSSIAN EARLY SWEET CORN. An early sweet corn bred from the extra early Russian flint. Good quality, good habit, and very early.

EXTRA EY. WHITE SQUAW FLINT. Extremely early and flinty.

SUNSHINE X HUBBARD. A sweet corn cross that is of high quality and a very heavy yielder.

SANTEE WHITE. A very tall white flint corn similar to Rainbow except for its straight white color.

RAINBOW COLORED. Ornamental with red, white, yellow and green foliage.

RUSSIAN FLINT FLOUR CORN. An early, very heavy yielding cross.

NOTICE—These prices subject to change. Our blue price list issued once or twice each month gives latest prices and may be had on request. Write for prices on large lots.

NOTE ALSO THAT ALL PRICES INCLUDE COST OF SACKS.

We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds.

**WRITE FOR PRICES ON CERTIFIED SEED GRAIN OF ANY SORT
WE USUALLY HAVE SMALL LOTS OF A NUMBER OF THEM**

SEED OATS

GOPHER. Developed from the Kherson type. These are perhaps the best all around oats for North Dakota today and increase in popularity each year. Very early and at the same time very heavy yielding. A product of the Minn. Experiment Station. F. O. B. Bismarck, $\frac{1}{2}$ bu., 55c; bu., \$1.00.

VICLAND. This new oat from the Iowa Experiment Sta. is a rather short, early yellow oat, strong stemmed, heavy yielding, resistant to loose and covered smut, leaf rust and some forms of stem rust. F. O. B. here, $\frac{1}{2}$ bu., 65c; bu., \$1.25.

MARION. A product of the Iowa Ex. Sta.; medium early, high yielding white oat, resistant to stem rust and partially to leaf rust. F. O. B. here, $\frac{1}{2}$ bu., 65c; bu., \$1.25.

AJAX. A new Canadian oat which we shall try to supply. Write for further information and prices.

SEED WHEAT

REGENT. A new resistant wheat from Canada. A beardless wheat, slightly taller than Thatcher, matures about the same time. Resistant to both leaf and stem rust. Good yielder, equal to Thatcher in milling and baking test. F. O. B. here, $\frac{1}{2}$ bu., \$1.25; bu., \$2.25.

VESTA. A relative of Rival from the N. D. Station. A grand combine wheat, as it stands for weeks without shattering. May be planted very late and will still make a good crop. F. O. B. here, $\frac{1}{2}$ bu., \$1.20; bu., \$2.25.

PILOT-13. A new very rust resistant, non-shattering variety which has done very well in our territory. Postpaid, 1 lb., 25c. F. O. B. here, $\frac{1}{2}$ bu., \$1.50; bu., \$2.75.

RIVAL. A bearded wheat, both rust and smut resistant. A trifle later than Thatcher, taller, and shatters more easily. A large, plump grain, heavier than Thatcher and consistently yields better over several years tests. Entirely satisfactory for milling. F. O. B. here, $\frac{1}{2}$ bu., \$1.25; bu., \$2.00.

PILOT. A bearded Wheat. Taller and a trifle later than Rival. Rust and smut resistant to a high degree. Does not shatter readily. A pointed grain, test weight slightly below Rival. Yields as well or better than Thatcher. A good milling Wheat. F. O. B. here, $\frac{1}{2}$ bu., \$1.20; bu., \$2.25.

KUBANKA DURUM. The best durum or macaroni wheat variety. Rust resistant and high yielding grades amber durum. F. O. B. here, $\frac{1}{2}$ bu., \$1.50; bu., \$2.50.

RED DURUM. The rust-proof, heavy yielding durum that is used entirely for feed. F. O. B. here, $\frac{1}{2}$ bu., \$1.25; bu., \$2.00.

STEWART. A new resistant, high yielding durum from the N. D. Experiment Sta. Postpaid, lb., 25c; F. O. B. here, $\frac{1}{2}$ bu., \$1.50; bu., \$2.75.

SEED BARLEY

WISCONSIN NO. 38. A heavy yielding 6 row malting barley with smooth beards. F. O. B. here, $\frac{1}{2}$ bu., 90c; bu., \$1.75.

SPARTON. A rather new, 2 row feed Barley which has outyielded all other sorts in many parts of the Great Plains, very plump grain, drouth resistant. F. O. B. here, $\frac{1}{2}$ bu., 90c; bu., \$1.75.

TREGAL. This new variety from the N. D. Experiment Station is a smooth awned cross from the Trebi, a heavy yielder it is valuable mainly as a feed variety but with malting possibilities. F. O. B. here, $\frac{1}{2}$ bu., 90c; bu., \$1.75.

PLUSH. A Canadian malting barley of very high quality, a heavy yielder with very stiff straw. Lb., postpaid, 25c; F. O. B. here, $\frac{1}{2}$ bu., \$1.50; bu., \$2.25.

L. A malting barley, high yielding and of good quality. A new N. D. variety. Lb., postpaid, 25c; F. O. B. here, $\frac{1}{2}$ bu., \$1.25; bu., \$2.25.

SPELTZ OR EMMER

SEED SPELTZ or EMMER. This is the ordinary speltz grown throughout the state and without a pedigree. Fine horse, hog, poultry and cow feed. F. O. B. Bismarck, bu. (40 lbs.), \$1.25; 100 lbs., \$3.00.

SEED FLAX

ROYAL. A wilt and rust resisting variety of high yielding ability and good quality.

VICTORY. A new resistant flax that has been well received.

WALSH FLAX. Larger seed than Bison, 10 days earlier. Large boll, very strong straw. Resistant to wind and hoppers.

VIKING OR GOLDEN. A yellow seeded flax with white blossom. Very heavy yielder and seeds have high oil content. A low growing, bushy sort.

RYE

NORTH DAKOTA SPRING SEED RYE. First quality North Dakota grown seed rye of high purity and germination. Spring rye is scarce and hard to find. F. O. B. Bismarck, $\frac{1}{2}$ bu., \$1.00; bu., \$1.90.

PROLIFIC SPRING RYE. This is a new spring rye which very much out-yields the common sort, supply is limited and hard to locate. A very large type. F. O. B. Bismarck, $\frac{1}{2}$ bu., 90c; bu., \$1.75.

WINTER RYE QUOTED IN SEASON

PIONEER BRAND FIELD PEAS

NORTH DAKOTA GROWN EARLY CANADA FIELD PEAS. Field Peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or Spring rye. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 90c; 100 lbs., \$8.00.

WHITE MARROWFAT. Shorter than Canadian peas with a very large pea, also a bit later. A heavy yielder and a fine pea for human consumption. F. O. B. Bismarck, 10 lbs., \$1.00; 100 lbs., \$9.00.

AUSTRIAN WINTER PEAS. 100 lbs., \$7.50.

PIONEER BRAND BUCKWHEAT

Sow $\frac{1}{2}$ to 1 bushel per acre, or 25 to 50 lbs.

This is the variety commonly grown in the Northwest, and which is used so extensively there as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent poultry food, a fact that is too little appreciated by most poultry raisers. F. O. B. Bismarck, 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.00.

Grass, Clover and Alfalfa Prices Subject to Change Without Notice—Sacks Included in Prices

PIONEER BRAND CLOVER SEED

ALSIKE or SWEDISH CLOVER. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. F. O. B. Bismarck, 10 lbs., \$4.50; large lots @ 44c.

MEDIUM and MAMMOTH RED CLOVER. While we have hesitated about advocating the Red Clover for North Dakota, yet there are unquestionably localities in this state and eastern Montana where it can be raised with profit. Does best in well watered land with a fairly deep soil and good drainage. F. O. B. here, 10 lbs., \$4.50; large lots @ 44c.

STRAWBERRY CLOVER. Looks somewhat like white clover but hardier and at home in wet soil, and under either acid or alkali conditions. A pasture plant. F. O. B. here, 5 lbs., \$3.00; 10 lbs., \$5.50; larger lots @ 54c.

WHITE LAWN CLOVER. For those who like clover in their lawns we offer this very high quality seed. It should be mixed at the rate of 1 lb. to 5 lbs. of grass seed. May also be scattered on old lawn. Lb., postpaid, 90c. F. O. B. here, 5 lbs., \$4.00; 10 lbs. or more @ 79c per lb.

WILL'S PIONEER BRAND GRASS SEED

DIRECTIONS FOR MAKING LAWNS

The seed bed should be spaded or plowed to a depth of 6 or 7 in. All lumps should be broken up, the surface smoothed with rake or plank and well firmed. Sow evenly on a quiet day, rake in well and roll if possible. Use seed at the rate of 1 lb. per 200 square ft. If possible water thoroughly at once. Good loam soil is best; for the finest lawn black dirt may be spread several inches thick but a good turf of the hardier varieties does not require it.

Our Emerald Mixture should be used for the best lawns where water is available. Red Top is adapted to shady spots.

For a little harder conditions but where some watering is possible, use our Dakota Mixture. For a good looking dry land lawn, farm yard or large public grounds use Buffalo Grass Stolons or Fairway Crested Wheat Grass.

Do not permit the watered lawn to dry out at all until the grass is well up. Fertilize from year to year as indicated by the condition of the lawn. We recommend Vigoro.

We shall be glad to give advice and make up special mixtures for airports, parks, public school grounds, football fields, etc.

EMERALD LAWN

Registered U. S. Patent Office.

We include no white clover but can supply it to those desiring it at prices shown above.

The Emerald Mixture has been planted in North Dakota and the Northwest for 60 years, and beautiful lawns throughout the Northwest testify to its excellence.

This mixture contains no coarse seeds and is composed of the best varieties of the very best quality obtainable. Kentucky blue grass is the foundation of the mixture.

EMERALD is the finest and best mixture for the lawn that can receive proper care; accept no substitute for it. Postpaid, 1 lb., 50c; F. O. B. here, 5 lbs., \$2.00; 10 lbs., \$3.90; larger lots @ 38c.

WILL'S DAKOTA LAWN MIXTURE

This is a utility mixture for those who do not wish to give the necessary care and attention for the fine lawn and yet want a nice appearing grass plot around the house; also useful for street, boulevards and large public building grounds. Made up of coarser and hardier grasses, it still requires some water. Clover may be used with it to advantage. Postpaid, 1 lb., 45c; F. O. B. here, 5 lbs., \$1.80; 10 lbs., \$3.50; larger lots @ 34c.

KENTUCKY BLUE GRASS

The foundation of hardy lawn grass. We handle nothing but the fancy, clean seed. 1 lb., 50c, postpaid. F. O. B. here, 5 lbs., \$2.10; 10 lbs. @ 41c; larger lots @ 40c.

CREeping BENT GRASS SEED

This is very popular for lawn grass purposes and makes a wonderful lawn after it is once established. Must be planted and tended very carefully until it has made a small growth. Requires lots of water. Lb., postpaid, \$1.00; F. O. B. here, 5 lbs., \$4.75; larger lots @ 90c.

RED TOP OR HERD'S GRASS

Useful in the Northwest principally for seeding shady spots, slough beds, basins, and any place where the water may stand at times. Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$3.25; larger lots @ 30c.

BUFFALO GRASS PLANTS

This grass is undoubtedly the most perfect lawn grass for dry conditions. It spreads by runners and produces a dense mat on the ground. We list this grass by the 100 rooted plants. The plants are set out from 6 to 15 inches apart each way. In one season the whole area should fill in. Needs practically no mowing. Plants can not be reset till new growth has started. Per 100 plants postpaid, 65c (enough for 140 sq. ft.); 500, \$3.00; F. O. B. here, 1000, \$5.00. For Buffalo Grass Seed, see next page. Plants from Theodore Roosevelt's Elkhorn ranch in the Little Missouri Bad Lands, finer and slower growing. Per 100, 75c, postpaid.

Use VIGORO on YOUR LAWN

FAIRWAY CRESTED WHEAT GRASS

This strain developed at the Saskatchewan Experiment Station answers very well for large lawn areas, public grounds, parks, football fields, etc. It is a fine grass, stands cutting well, keeps green late. Is a trifle bunchy.

Also a very good hay and forage plant. Heavier yielding and leafier than the Standard Strain, yet in a dry year it may not yield quite as much. Lb., postpaid, 30c. F. O. B. here, 5 lbs., \$1.00; larger lots @ 17c.



N. D. State Capitol.



Buffalo Grass Lawn.

GRASSES

(Write for prices on varieties not listed in the catalog.) All prices subject to change without notice and ceiling regulations.

STANDARD CRESTED WHEAT GRASS. The hardiest and most drouth resistant grass yet discovered. Introduced by the Department of Agriculture and especially well tested and recommended after years of work by the Dickinson sub-experiment station. Also carefully tested and very favorably reported upon by the U. S. Northern Great Plains Field Station at Mandan. The outstanding variety for the Great Plains. Postpaid, 1 lb., 28c; F. O. B. here, 10 lbs., \$1.80; 50 lbs., \$8.50; 100 lbs., \$16.00.

WESTERN RYE OR SLENDER WHEAT GRASS. Hardy, drought resistant, of good quality, a native variety. It stands cutting better than the brome and hay is of better quality. Becomes sod bound quickly. Postpaid, 1 lb., 25c; F. O. B. here, 10 lbs., \$1.50; 50 lbs., \$7.50; 100 lbs., \$14.00.

MEADOW FESCUE or ENGLISH BLUE GRASS. This grass is one of the hardiest grasses for the Northwest. It also withstands severe cold very well. Does best in rich soil. Postpaid, 1 lb., 49c; F. O. B. here, 10 lbs., \$3.75; 50 lbs., \$18.00; 100 lbs., \$35.00.

REED CANARY GRASS OR PHALARIS. This is a native of the low flooded sections of our Missouri River bottom lands and the sloughs of Minnesota. Will not stand heavy alkali. The best grass for wet spots that we have. Postpaid, 1 lb., 70c; F. O. B. here, 10 lbs., \$5.50; 50 lbs., \$25.00; 100 lbs., \$49.00.

BUFFALO GRASS SEED. We have secured a stock of No. 1 seed of this invaluable grass. Postpaid, 1 lb., \$1.00; F. O. B. here, 5 lbs., \$4.50; 10 lbs., \$8.80; 25 lbs., \$21.00.

PIONEER BRAND TIMOTHY SEED. We offer only northern grown Timothy seed which is from acclimated fields. 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.15; 50 lbs., \$5.50; 100 lbs., \$10.00.

BROME GRASS—BROMUS INERMIS (Austrian or Russian). Brome Grass is an exceedingly valuable pasture grass, especially for early Spring and late Fall. Postpaid, 1 lb., 28c; F. O. B. here, 10 lbs., \$1.80; 50 lbs., \$8.50; 100 lbs., \$16.50.

GREAT PLAINS PASTURE MIXTURE. This is an item for which there seems to be an increasing demand. The mixture which we list is one recommended at the N. D. Experiment Station. It consists of 6 lbs. crested wheat grass; 3 lbs. brome grass, 1 lb. yellow sweet clover, ½ lb. Ladak alfalfa. Seed about ten lbs. per acre. Postpaid, 1 lb., 40c; F. O. B. here, 10 lbs., \$2.25; larger lots at 20c.

MIDLAND PASTURE MIXTURE. For the eastern third of our State. Seed 10 to 14 lbs. per acre. Consists of 7 lbs. bromus, 4 lbs. crested wheat grass, 2 lbs. slender wheat grass, 1 lb. yellow sweet clover, ½ lb. Ladak alfalfa. 1 lb. postpaid, 30c; 10 lbs., \$2.00; larger lots at 19c per lb.

SWEET CLOVER

Yellow and white sweet clover may contain up to 10% of the opposite color.

YELLOW BLOSSOM SWEET CLOVER SEED. Outside the lower and heavier soil sections of the Northwest the Yellow Blossom variety seems to be better adapted than the white. Its advantages are greater hardiness as regards a combination of cold and drouth, finer quality of hay, a crown like alfalfa so that it may be cut as close to the ground as one wishes. Lb., 27c, postpaid. F. O. B. here, 10 lbs., \$1.65; 100 lbs., \$15.00.

We can not quote on Hubam annual sweet clover at present, but may be able to offer some by spring.

MIXED SWEET. Perfectly good seed for sowing anywhere, but cannot pass as either pure yellow or white. F. O. B. here, 10 lbs., \$1.50; 100 lbs., \$14.00.

WHITE BLOSSOM BIENNIAL. The Tall, Late Sort that is in greatest demand if you wish to sell seed. This is the only kind used in Iowa and Illinois where 90 per cent of the seed from the Northwest is sold. Must be cut high for hay as it grows from the bases of the branches. 1 lb., 27c, postpaid. F. O. B. here, 10 lbs., \$1.65; 100 lbs., \$15.00.

PIONEER BRAND ALFALFA SEED

NORTHWESTERN GROWN VARIEGATED ALFALFA. The fact has become pretty well established that only the strains of alfalfa with variegated flowers are hardy in the Northwest. Such strains are Grimm, Cossack, Ladak, etc. The seed which we offer under this head is seed from fields with variegated bloom. The mere fact of hardiness and variegated blossom prove that it belongs to one of the hardy strains. Lb. 62c, postpaid. F. O. B. Bismarck, 10 lbs., \$5.15; 100 lbs., \$50.00.

We shall be glad to quote upon request best prices on certified Ladak, Grimm and Cossack Alfalfa. We hope to be able to offer all of them as the season advances.

FIELD SEED

Prices include sacks, and are subject to changes without notice

Write for prices on large lots. Get Our Special Price List, issued at intervals after January 15th.

Hay Millets

DAKOTA-KURSK. The very best hay Millet for North Dakota yet found. A tremendous yielder of fine quality hay and a heavy seed bearer. Our seed came from the U. S. Dept. of Agriculture. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 60c; 50 lbs., \$2.65; 100 lbs., \$5.00.

SIBERIAN MILLET. This is the most planted variety in the Northwest. Does not degenerate from planting northern seed as do some sorts. We supply either northern or southern grown, as they are of equal value. Lb., 25c, postpaid. F. O. B. here, 10 lbs., 45c; 50 lbs., \$2.00; 100 lbs., \$3.50.

WHITE WONDER MILLET. The White Wonder has come to be recognized as one of the very best hay millets for the Northwest. It is drought resistant with heavy foliage and broad leaves. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 60c; 50 lbs., \$2.65; 100 lbs., \$5.00.

HUNGARIAN MILLET. This variety is one of the best adapted to northern conditions of any sort. It is suited to cooler weather. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 45c; 50 lbs., \$2.15; 100 lbs., \$4.00.

JAPANESE MILLET. This variety is of a different family from the others. It does best on heavy, moist soil. It is better for horses than the ordinary sorts. Lb., 40c, postpaid. F. O. B. Bismarck, 10 lbs., 60c; 50 lbs., \$2.65; 100 lbs., \$5.00.

SOUTHERN GROWN GERMAN MILLET. This is German millet, sometimes called Golden, raised in the latitude of Kansas and southern Nebraska. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 75c; 50 lbs., \$3.25; 100 lbs., \$6.00.

Sudan Grass

The most productive and fastest growing of annual forage plants. Hay is of best quality for every kind of stock. Can be cut several times in a favorable year. Do not sow before June 1st. F. O. B. here, 10 lbs., \$1.25; 50 lbs., \$5.25; 100 lbs., \$10.00.

Cane

EARLY AMBER. Earliest and most widely used of all the sweet sorghums for planting in the Northwest. Excellent both for silage and roughage. Price lb., postpaid, 40c. F. O. B. here, 10 lbs., 65c; 50 lbs., \$3.15; 100 lbs., \$6.00.

LOW PRUSSIC ACID CANE. A new development from South Dakota. The dangerous poisonous quality has been almost bred out of this strain. In addition it is early and very productive. Postpaid, lb., 40c. F. O. B. here, 10 lbs., 75c; 50 lbs., \$3.65; 100 lbs., \$7.00.

S. D. Sooner Milo

One of the newer grain sorghums which we have been watching in our trials. With us it has been the earliest and surest, in addition it has produced nearly twice as much growth as any other extra early sorghum. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 65c; 50 lbs., \$3.15; 100 lbs., \$6.00.

Korean Lespedeza

A new forage crop that has proven very useful farther south. It is able to endure drouth, heat and poor soil and still make excellent pasture. An annual legume. Showed up well in our trials for the past two years. Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$2.00; 50 lbs., \$9.25; 100 lbs., \$18.00.

SUNFLOWER SEED

COMMON. Valuable as a poultry and parrot food, as a food for human consumption often going under the name of Russian peanuts, and also for silage. Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$1.75; larger lots @ 16c lb.

Soy Beans

Extra early sorts raised in our section.

BATO. A new sort obtained by us from Sweden several years ago. Larger plant and bean than the Minnsoy. F. O. B. here, 10 lbs., \$2.00; 50 lbs., \$5.00. 1 lb., postpaid, 40c.

KABOTT. A very early and prolific soybean, useful as a vegetable and field variety. Lb., postpaid, 40c. F. O. B. here, 10 lbs., \$2.00; 50 lbs., \$5.50; 100 lbs., \$10.00.

MINNSOY. Our stock of this early sort has been grown in our state for the past several years. Early and matures safely. Postpaid: lb., 30c; F. O. B. here, 10 lbs., 70c; 50 lbs., \$2.75; 100 lbs., \$5.00.

Hog or Proso Type Millets

CROWN. A new Canadian variety of Proso Millet. In Manitoba trials it has consistently outyielded all other varieties including Turghai. It is highly recommended by the Brandon Experiment Station whence our supply was obtained. Postpaid, lb., 40c. F. O. B. here, 10 lbs., 50c; 50 lbs., \$2.15; 100 lbs., \$4.00.

TURGHAI PROSO. We are glad to offer this very excellent variety of proso. We believe it to be one of the heaviest yielders of any proso, the earliest, and a tall growing, non-lodging variety. F. O. B. here, 10 lbs., 40c; 50 lbs., \$1.90; 100 lbs., \$3.75.

EARLY FORTUNE or RED PROSO. This red form of the proso or hog millet type is in especial favor for mixture in poultry foods. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting. Lb., 40c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 50 lbs., \$1.70; 100 lbs., \$3.00.

BROOM CORN or YELLOW PROSO. The first type of Proso grown in the Northwest. Color varies from yellow to creamy white. Lb., 25c, postpaid. F. O. B. here, 10 lbs., 45c; 50 lbs., \$1.75; 100 lbs., \$3.50.

BLACK VORONESH. A Proso type Millet with black seed. Has done fairly well in western North Dakota. Lb., 25c, postpaid. F. O. B. here, 10 lbs., 40c; 50 lbs., \$1.75; 100 lbs., \$3.25.

DWARF ESSEX RAPE

Sow 6 to 10 lbs. per acre.

Very popular for hog and sheep pasture where soil is good and fairly well watered. Keeps growing out as it is eaten off and is not easily damaged by frost. Lb., 40c, postpaid. F. O. B. Bismarck, 10 lbs., \$2.25; larger lots @ 22c.

GREENHOUSE



Members of Floral Telegraph Delivery.
We wire flowers anywhere any time.

**CUT FLOWERS—PLANTS—CORSAGES—WEDDING AND FUNERAL
 FLORAL ARRANGEMENTS**

The North Dakota sales tax applies on all greenhouse products except vegetable plants. All prices are subject to change without notice. We can assume no transportation risks, after shipping stock in good condition. Because of the difficulties involved in shipping perishable goods under wartime transportation conditions we cannot guarantee safe delivery of such goods and therefore do not advise customers beyond Zone 3 to order such items.

Greenhouse Plants

ON PLANT ORDERS OF LESS THAN 60c ADD 15c FOR PACKING

GERANIUMS

From 3" pots: Postpaid, 45c each; \$4.50 dozen. F. O. B. here, 35c each; \$3.50 dozen.

From 4" pots: Postpaid, 55c each; \$5.50 dozen. F. O. B. here, 45c each; \$4.50 dozen.

ROSINA. A new variety developed at the Mandan Northern Great Plains Field Station. The double blossoms are of a salmon pink color which takes on a deeper rose shade when planted outdoors. We strongly recommend this geranium.

S. A. NUTT. An old favorite and the best dark red.

WHITE MADONNA. The finest white, with double blossoms.

ALL-DOUBLE PETUNIAS

From 3" pots: Postpaid, 50c each; \$5.00 dozen. F. O. B. here, 35c each, \$3.50 dozen.

These fine plants are especially desirable for Easter and spring pot plants, porch and window boxes, and for bedding.

VINES

From 3" pots: Postpaid 45c each, \$4.50 dozen. F. O. B. here, 35c each, \$3.50 dozen.

For either outdoor or indoor use, we offer these vines: German Ivy, Branching English Ivy, Vinca Variegata, Philodendron and Tradescantia (Wandering Jew).

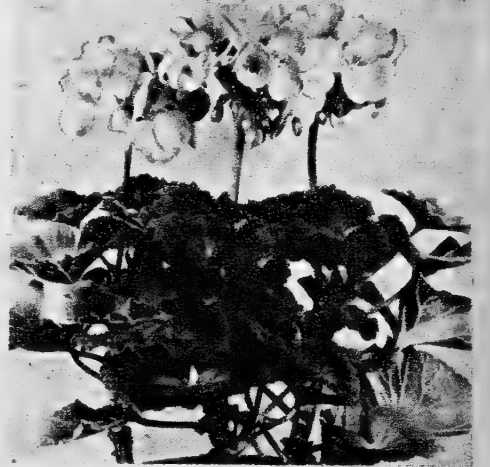
DAISIES

From 3" pots: Postpaid, 35c each; \$3.50 dozen. F. O. B. here, 25c each; \$2.50 dozen.

These are the Boston White and Boston Yellow Daisies, twice as large as Marguerites.



All-Double Petunias



Rosina Geranium

WILL'S GIANT PANSIES

These are sturdy plants bearing mammoth blooms in a wide range of lovely colors. Postpaid, 75c dozen; \$4.50 for 100. F. O. B. here, 65c dozen; \$4.00 for 100.

GENERAL BEDDING PLANTS

From 3" pots: Postpaid, 25c each; \$2.50 dozen. F. O. B. here, 20c each, \$2.00 dozen.

For general bedding purposes, these are the most popular and satisfactory plants: Ageratum, Coleus, Lantana, Lobelia, Single Petunia, Salvia, Sweet Alyssum, and Verbena. We have them all to give you a variety of color choice for your spring beds.

TRANSPLANTED BEDDING PLANTS

Postpaid, 60c dozen; \$1.75 for 50; \$3.50 for 100. F. O. B. here, 50c dozen; \$1.60 for 50; \$3.00 for 100. In this group we have Asters, Snapdragons, Ageratum and Stocks.

BOSTON FERNS

From 4" pots: Postpaid, 90c each; F. O. B. here, 75c each.

From 5" pots: Postpaid, \$1.40 each; F. O. B. here, \$1.25 each.

These are unusually fine specimens of the finest of all ornamental house plants.

HOUSE PLANTS

Our selection of house plants naturally varies with the seasons, but these favorites we have in season.

Write for price list of seasonal plants.

BEGONIA. Red and pink everblooming.

CACTI. A variety of types of this popular plant.

CRASSULA ABORESCENS.

CYCLAMEN. A variety of colors.

DRACAENAS.

FICUS (Rubber Plant). Variegated and Green.

GYNURA (Purple Velvet).

IMPATIENS. Pink, crimson and bronze.

PELARGONIUMS. Mixed colors.

PRIMROSES. Reds, pinks, lavenders.

PEPEROMIA.

SANSEVIERIA (Snake Plant).

WATER PLANTS

Shipments not made until mid-May.

WATER LILIES: Marliac White (white); Marliac Rose (rose-pink); Comanche (red-bronze); Marliac Yellow (yellow). Postpaid, \$2.20 each; 4 for \$8.00.

FLOATING PLANTS: Water Hyacinths (lilac bloom); Water Poppy (yellow bloom); Water Lettuce (shell flower). Postpaid, 2 for 75c; 6 for \$2.00.



Giant Pansies

Will's Gladioli

For the joy of a colorful array of glads in your summer's garden, we recommend these bulbs. Our bulbs are grown in loam ideal for their culture. The varieties we offer are chosen to provide a wide range of color. All bulbs sold singly or in the Aristocrat Collection are the finest No. 1 bulbs. Complete cultural directions accompany each order.

ALL BULBS PRICED DELIVERED

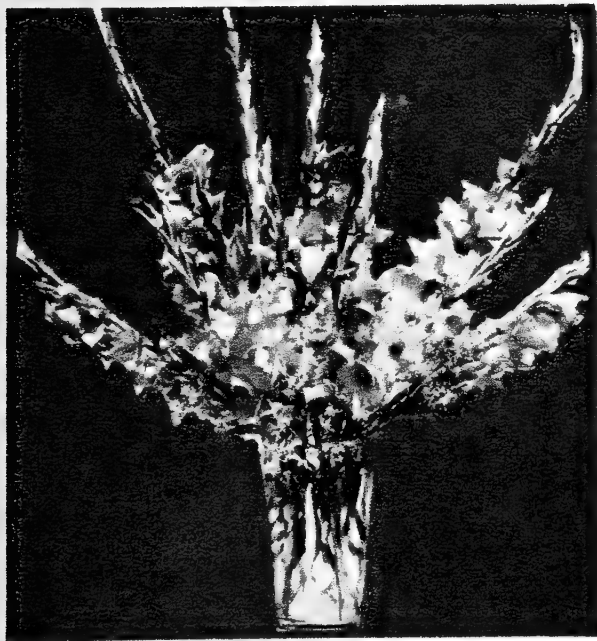
WILL'S PIONEER GLADIOLUS MIXTURE

Will's Pioneer Gladiolus Mixture for 1944 is made up of the widest possible variety of colors, types and blooming seasons. These large, clean young bulbs of the better sorts will provide you with an abundance of bouquet flowers through the summer. 12 for 75c; 25 for \$1.45; 50 for \$2.75; 100 for \$5.00.

\$2.00 Will's Aristocrat Gladiolus Collection \$2.00

Delicate pinks, glowing reds and yellows, deep rose, soft blues and lavenders, sparkling whites, a rainbow of glads for your wartime garden, will grow from this collection of fine, No. 1 bulbs, some early blooming, some later.

One bulb of each of the twenty beauties listed below is included. The bulbs are individually labelled. This is a \$2.50 value for \$2.00; 3 collections for \$4.95.



Mixed Glads

lavenders. 3 for 25c; 95c per dozen; \$7.60 for 100.

MISS BLOOMINGTON. Deep lemon yellow with well placed blooms. 3 for 25c; 90c per dozen; \$7.20 for 100.

NEW ERA. Fluted and ruffled pink, with many large blooms. Excellent variety. 15c each; 3 for 40c; \$1.15 per dozen; \$3.95 for 50.

PICARDY. Pleasing soft apricot pink. Probably the most popular glad. 3 for 25c; 90c per dozen; \$7.20 for 100.

RED LORY. Spectacular carmine with crimson and cream throat. 3 for 25c; 90c per dozen; \$7.20 for 100.

REWI FALLU. A deep blood red of large size. 8 blooms. 15c each; 3 for 40c; \$1.15 per dozen; \$3.95 for 50.

ROSA VAN LIMA. The finest bright, light rose we have ever offered, with small orchid spot. 15c each; 3 for 40c; \$1.15 per dozen; \$3.95 for 50.

SNOW PRINCESS. Large milky white, very fine. One of our best varieties. 20c each; 3 for 50c; \$1.80 per dozen; \$6.75 for 50.

SPIRIT OF ST. LOUIS. Unusual large deep orange yellow. Outstanding. 3 for 25c; 95c per dozen; \$7.60 for 100.

VAGABOND PRINCE. Garnet brown, with lighter throat, flame blotch. 3 for 25c; 90c per dozen; \$7.20 for 100.

BAGDAD. Immense smoky rose blooms. 3 for 25c; 90c per dozen; \$7.20 for 100.

BEACON. Showy rose-scarlet with cream blotch. 3 for 35c; \$1.25 per dozen; \$4.00 for 50.

BINGO. A huge soft cream. 15c each; 3 for 40c; \$1.65 per dozen; \$6.00 for 50.

BLUE ADMIRAL. A medium blue of great merit. 3 for 25c; 90c per dozen; \$7.20 for 100.

BLUE BEAUTY. A giant light blue. Very good. 3 for 50c; \$1.80 per dozen; \$6.50 for 50.

CHRISTABEL. Deep pink. Produces wonder blooms. 15c each; 3 for 40c; \$1.65 per dozen; \$6.00 for 50.

GOLDEN CUP. Very deep yellow; tall straight spike. 3 for 25c; 90c per dozen; \$7.20 for 100.

KING ARTHUR. Ruffled mauve lavender, very attractive. 3 for 25c; 90c per dozen; \$7.20 for 100.

MAID OF ORLEANS. Heavy textured white with cream throat. Tall and very popular. 3 for 25c; 95c per dozen; \$7.60 for 100.

MARGARET FULTON. Early salmon pink of great delicacy. 3 for 25c; 95c per dozen; \$7.60 for 100.

MINUET. Lavender with white pencil markings, the measuring stick for all



Blue Beauty

Rewi Fallu



Jane Cowl Dahlia

WILL'S DAHLIAS

The dahlias we offer, either singly or in collections, are grown on fertile, sandy loam and we believe them to be of the highest quality obtainable.

The varieties we present provide a complete range of color and are all large flowering, decorative types.

Each root is carefully wrapped and labelled to prevent any possibility of mixing. Free cultural directions are included with each order.

The following varieties of Dahlias are sold singly or in our 1945 Garden Charm Collection:

JANE COWL. Bronzy salmon beauty.

MRS. I. DE VER WARNER. Orchid lavender in color.

PRIDE OF CALIFORNIA. Best known red, huge flowers.

PENN CHARTER. Buff-tinted apricot shade.

ROSE GLORY. A lavender pink decorative.

WHITE KING. The finest pure white dahlia.

Separate tubers of these varieties, 35c each, 3 for 90c.

\$1.35

GARDEN CHARM DAHLIA COLLECTION

\$1.35

This collection gives you one strong tuber of each of the six fine Dahlias listed above, and valued at \$2.10, for **\$1.35**. Three collections for **\$3.75**.

CAPITAL DAHLIA MIXTURE

The bulbs included in this mixture are all large double-flowering varieties—no seedlings, singles or pompoms included. Strong dormant roots which will give you a good range of colors and types in flowers. This is no ordinary mixture, but a real bargain at the price of six tubers for 60c; 12 for \$1.05.

For a massed effect cannas lead all other bedding plants. These strong dormant roots give a variety of glowing color. Each, 25c; 3 for 60c; 12 for \$1.70.

THE PRESIDENT. The most popular canna, growing 3 to 4 ft. tall, with enormous blooms of rich glowing scarlet.

KING HUMBERT. This gold-medal canna, which grows 4 to 5 ft. tall, has yellow-orange blooms with red spotting.

YELLOW KING HUMBERT. Large orchid-like yellow blooms, spotted with vermilion, are produced by this plant, which grows from 4 to 5 ft. tall.

MRS. ALFRED CONARD. This 4-ft. plant produces a profusion of exquisitely shaded salmon-pink blooms.

CANNA BULBS



President Canna

MADEIRA VINE BULBS

For this popular, fast-growing climber with light green foliage, we recommend our large dry bulbs. Each, 15c; 3 for 38c; 12 for \$1.20.

All Bulbs Priced Delivered



Transplanted Cabbage Plants

VEGETABLE PLANTS

Our vegetable plants are grown from the finest grade seed of varieties best adapted to the Northwest. Tomato plants are chiefly Victor and Bison. Cabbage plant varieties are Danish Ballhead, Golden Acre and Copenhagen Market.

No Sales Tax on Vegetable Plants	Postpaid			F. O. B. Bismarck		
	12	50	100	12	50	100
CABBAGE. Seedlings	\$0.25	\$0.85	\$1.50	\$0.15	\$0.55	\$1.00
CABBAGE. Transplanted .....	.45	1.35	2.50	.35	1.00	1.75
CAULIFLOWER. Transplanted .....	.60	1.65	2.75	.50	1.65	2.75
CELERY. Transplanted .....	.50	1.60	2.85	.40	1.35	2.50
EGG PLANT. Transplanted .....	.50	1.60	2.85	.40	1.35	2.50
GROUND CHERRY. Transplanted .....	.50	1.60	2.85	.40	1.35	2.50
PEPPER. Transplanted .....	.55	1.75	3.00	.45	1.15	2.00
TOMATO. Seedlings .....	.35	1.15	2.00	.25	.85	1.50
TOMATO. Transplanted .....	.50	1.60	2.85	.40	1.35	2.50
TOMATO. Yellow Pear .....	.50	1.60	2.85	.40	1.35	2.50
SWEET POTATO .....	.50	1.60	2.85	.40	1.35	2.50

Pioneer Nursery of the Northwest

BISMARCK NURSERY (ESTABLISHED 1882)

Oldest Nursery in North Dakota—Member American Association of Nurserymen

NOTICE TO CUSTOMERS: READ CAREFULLY. We use our utmost endeavors to see that all stock shipped out is true to name and of the quality represented or better. In event that goods upon receipt prove to be wrongly marked or inferior we shall be glad to refund customer's money or replace the stock as he may elect. We are not responsible for damage to goods in transit, therefore you must examine at the express or freight office, and have any damage noted upon your express or freight receipt. We are always glad to replace goods injured in transit, providing receipt showing damage is returned to us so that we may enter claim and reimburse ourselves.

We do not guarantee safe delivery of mail orders but pack them just as well as we possibly can, and they are nearly always delivered in good condition.

REPLACEMENT. If stock arrives in good condition and our planting instructions are followed, we are willing to replace once any stock lost, at half price.

TREES BY MAIL. We can mail parcels up to 70 pounds. Where postage is not included, we will send stock C. O. D. to cover postage, you paying postage on receipt of trees.

FALL PLANTING. Peonies and other perennial flowers do exceptionally well when planted in Fall. Ask for special

Fall Price List. Can also supply trees, shrubs, etc., at current catalog prices in Fall.

PLANTING INSTRUCTIONS. Complete planting instructions will be enclosed with each order of nursery stock when shipped.

SHIPPING. Orders will be forwarded at our discretion and when we can ship. Orders are not taken for shipment on any special date unless specifically so acknowledged. Express is the safest and quickest way to ship. Prices are F. O. B. here, customers paying transportation unless postpaid prices are definitely quoted.

CANADIAN ORDERS must go by freight or express, and must be received by us before May 1st. Permit number must accompany order.

VISITORS WELCOME. We are always glad to conduct you personally through our nurseries. Call at office on Fourth street, or go south on Seventh street, which will bring you into the nurseries.

CERTIFICATE OF EXAMINATION. Our nurseries are inspected annually by the State Horticulturist and his certificate accompanies each shipment.

NORTH DAKOTA CUSTOMERS MUST PAY 2% SALES TAX ON NURSERY STOCK

Nursery Prices Marked Postpaid Apply to a Distance of Not Over 600 Miles or to no Zone Beyond the 4th

HARDY SEEDLINGS FOR GROVES, SHELTER BELTS, WINDBREAKS, HEDGES

	100	500	1000		100	500	1000
COTTONWOOD, 6-12 in.	\$0.60	\$ 2.50	\$ 4.50	CARAGANA ARBOR, 12-18 in. ...	\$2.50	\$10.00	\$18.00
12-18 in. ....	.90	3.00	6.50	18-24 in.	5.00	20.00	....
18-24 in.	1.10	4.00	7.50	CARAGANA FRUTEX, 6-18 in.	2.50	10.00	18.00
SIBERIAN or CHINESE ELM—				RUSSIAN OLIVE, 12-18 in.	3.00	11.00	19.00
12-18 in. ....	.90	3.00	6.50	HONEYSUCKLE, TART., 6-18 in. ..	3.00	12.00	22.00
18-24 in.	1.10	4.00	7.50	HONEYSUCKLE, FRAGRANT,			
2 to 3 ft.	1.40	5.75	10.00	6-12 in.	3.25	13.00	23.00
AMERICAN ELM, 12-18 in.	1.10	5.00	9.00	PRUNUS JAPONICA, 6-12 in.	5.00	....	....
DIAMOND WILLOW	1.00	4.00	7.00	WILD PLUM, 12-18 in.	3.50	17.25	34.00
DIAMOND WILLOW CUTTINGS... .	.75	2.50	4.00	CHOKECHERRY, 6-12 in.	3.50	....	....
GREEN ASH, 6-12 in. ....	.75	4.00	7.00	SANDCHERRY, 6-12 in.	3.50	....	....
12-18 in.	1.00	4.50	8.00	12-18 in.	5.00	....	....
18-24 in.	1.25	5.00	9.00	SIBERIAN CRAB, 6-12 in.	3.50	....	....
BOXELDER, 12-18 in. ....	.75	4.00	7.00				

\$8.50

SPECIAL WOODLOT AND SHELTER BELT BARGAIN

Trees Enough for One Acre of Ground
 100 Box Elders—12 to 18 in. 200 Chinese Elm—12 to 18 in.
 200 Cottonwood—12 to 18 in. 100 Russian Olive—12 to 18 in.
 100 Green Ash—12 to 18 in. 100 American Elm—12 to 18 in.

Total Value \$9.45

NUT BEARERS

BURR OAK (Quercus macrocarpa). Native over most of the state and a lasting and handsome tree. Price, each, 4 to 5 ft., \$1.00. Seedlings, 18-24 in., each, 10c; doz., \$1.00.

BLACK WALNUT (Juglans niger). One of the few nut trees that we can grow in North Dakota and then only from hardest stock. Price, 3 to 4 ft., \$1.00.

HORSE CHESTNUT. The truly hardy and beautiful Ohio Buckeye, grown by us for many years. Price, 3 to 4 ft., \$1.00.

HAZELNUT. The only plant bearing edible nuts native to North Dakota. Found over most of the state and perfectly hardy. Ours are from both species, the rostrata and americana. These can not be distinguished except from the fruit. 4 to 6 ft. tall, forming a dense bush, the nuts hang on in clusters, are relatives of the filbert, edible and pleasant to eat. Foliage takes on a lovely yellow in fall. Price 12 to 18 in., transplanted stock; each, 35c; 10, \$3.00.

Hazelnut

Black Walnut



HARDY EVERGREENS

for the NORTHWEST

Balled
and
Burlapped
Stock



Bad Lands Cedar

N. D. BAD LANDS CEDAR (*Juniperus scopulorum*). Our native type of the beautiful Rocky Mt. Juniper, with a large proportion of silver specimens. The hardiest evergreen under most severe conditions and very ornamental too. Price 12 to 18 in., each, 70c; 10, \$6.00. 18 to 24 in., each, \$2.00; 2 to 3 ft., each, \$3.50.

NATIVE BUSH JUNIPER (*Juniperus communis*). A beautiful low evergreen shrub and a worthy substitute for Pfitzer's which is not always hardy. For foundation plantings it is outstanding, grows only 2 ft. high and 3 to 6 ft. across. Price: 6 to 12 in. spread, each, 75c; 5 for \$3.50.

BAD LANDS TRAILING JUNIPER (*Juniperus horizontalis*). Color, a lovely bluish silver in summer, bronze in winter. A beautiful ground cover. Very hardy. Plants from rooted cuttings. Price: 10 to 12 in. spread, each, \$1.00; 10, \$8.00.



Trailing Juniper

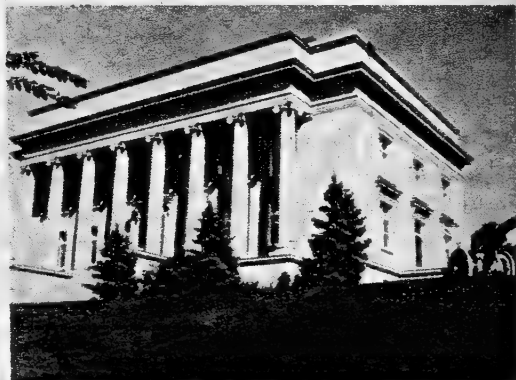
SCOTCH PINE (*Pinus sylvestris*). Ours are grown from hardy Finnish seed. A fast growing and very handsome pine, very cold resistant. 18 to 24 in., each, \$1.00.

N. D. BULL PINE (*Pinus scopulorum*). One of the handsomest, sturdiest and most lasting of all our native shade trees. Perfectly hardy, a native of our Bad Lands country where it climbs to the summits of the hills and buttes. Each: 1 to 2 ft. Mudded but not balled, 40c; 10, \$3.50.



Scotch Pine

COLORADO BLUE SPRUCE (*Picea pungens*). Not only the most beautiful of the spruces but one of the hardiest, being fully the equal of the Black Hills. Thrives in country windbreak or on town lawns. Transplanted stock. Price: 8 to 15 in., each, 40c; 10, \$3.50; 12 to 18 in., each, 80c; 5 for \$3.75; 18 to 24 in., each, \$2.00; 2 to 3 ft., each, \$3.50.



Black Hills Spruce

BLACK HILLS SPRUCE (*Picea Albertiana*). Perhaps our most valuable evergreen for general planting in the Great Plains. A 30 ft. high shelter belt ¼ mile long stands at the U. S. Great Plains Field Station at Mandan. Drouth resistant, cold resistant, sturdy and outstandingly ornamental is this grand tree. Price: 10 to 12 in., each, 60c; 12 to 18 in., each, \$1.00; 18 to 24 in., each, \$1.50; 2 to 3 ft., each, \$3.00.

EVERGREEN SEEDLINGS

Colorado Spruce

COLORADO SPRUCE. Fine healthy seedlings of this hardy evergreen in 4 to 6 in. size. Should be set out in a bed 10 to 12 in. apart each way for two years and then transplanted to a permanent location. Price, postpaid: 50 for \$3.00; 100 for \$5.25. F. O. B. here, 100 for \$5.00.

BAD LANDS CEDAR SEEDLINGS. 6 to 12 in., strong and thrifty. Especially suited for a hedge, and takes trimming perfectly. Postpaid: 10 for \$2.50; 50 for \$10.00. F. O. B. here, 50 for \$9.75.

BULL PINE SEEDLINGS. 1 to 2 ft. Should be planted in a bed like spruce. Dakota stock. Postpaid: 10 for \$3.75. F. O. B. here, 10 for \$3.50.

SHADE AND ORNAMENTAL TREES

CHINESE or SIBERIAN ELM. As a wood lot, shelter belt or grove tree and as a formal or natural hedge this tree has a very definite place in Northwestern planting. Drought resistant and rapid growing beyond almost any other sort. The winter damage of the past year explains why we have steadily refused to recommend this tree as a street or lawn tree. In spite of the winter injury, which has occurred only once every 15 or 20 years, we still feel that this very fast growing and drouth resistant tree possesses great value in the Great Plains. Even if it has to be cut back to the ground it will recover in a year or so and produce more new growth than could be obtained in the same time by re-planting with any other tree. Price, 3 to 4 ft., each, 10c; 10 for 75c; 100, \$7.00; 4 to 6 ft., each, 30c; 5 for \$1.35; 50, \$10.00.



Siberian Elm

AMERICAN ELM (Ulmus Americana). Our native white elm. Probably the most graceful and beautiful of our native trees. Excellent for farm planting in good soil as well as for lawn and boulevard. 3 to 4 ft., each, 20c; 10 for \$1.75; 4 to 6 ft., each, 35c; 5 for \$1.65; 6 to 8 ft., each, 60c; 5 for \$2.75; 8 to 10 ft., each, \$1.00. For seedlings, see page 59.



American Elm

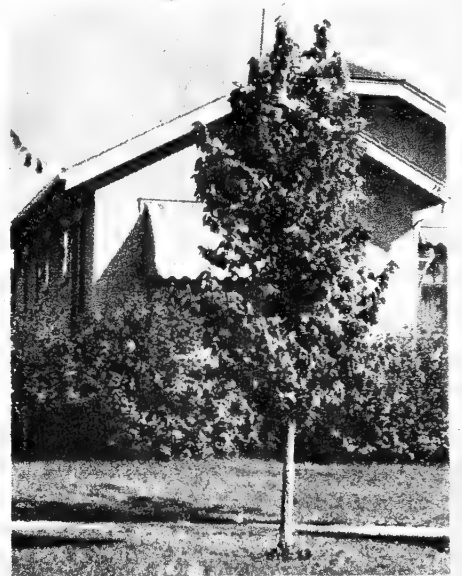
HACKBERRY (Celtis occidentalis). One of the hardiest and handsomest of our native trees. Free from insect pests, well-shaped, it makes an ideal street tree. Price, 3 to 4 ft., each, 30c; 4 to 5 ft., each, 50c; 5 for \$2.25; 8 to 10 ft., each, 90c; 5 for \$4.00.

GREEN ASH. Our native ash, drouth, cold, heat and alkali resistant. A fine timber tree. Ash fence posts rank at the top. Grows 1 to 3 ft. per year. For seedlings, see page 59. 4 to 6 ft., each, 50c; 10 for \$4.50; 6 to 8 ft., each, 75c; 5 for \$3.50.

MAPLE

BOX ELDER or MANITOBA MAPLE. Hardest of all the Maple family and our only native Maple. Prefers loam and heavier soils. A beautiful tree when properly trimmed and cared for. Seedlings on page 59. 6 to 8 ft., each, 60c; 5 for \$2.75.

SOFT MAPLE. We at last have developed a hardy stock by selecting seedlings from a very hardy specimen. 6 to 8 ft., each, 90c; 5 for \$4.00.



Hackberry

NORTH DAKOTA COTTONWOOD (Populus deltoides). The native cottonwood in spite of criticism and disparagement has definitely demonstrated in the past periods of extremely severe conditions that it is outstandingly the best shelter belt, windbreak and fuel producing tree for the Northwest. We have been headquarters for cottonwoods for sixty years. Prices: for seedlings, see page 59. 3 to 4 ft., each, 15c; 10 for \$1.25; 4 to 5 ft., each, 30c; 5 for \$1.40; 6 to 8 ft., each, 40c; 10 for \$3.50.

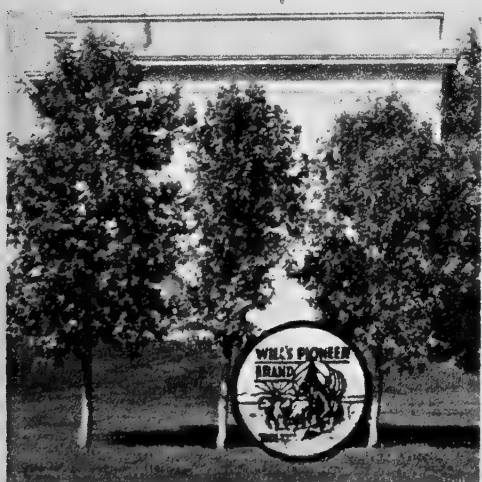
NORTHWEST POPLAR. A very handsome, hardy and quick growing poplar native to N. D. Said to be a cross between Balm of Gilead and Cottonwood. Price, 3 to 4 ft., 10 for \$1.00; 50 for \$4.50; 4 to 5 ft., each, 20c; 5 for 90c; 6 to 8 ft., 45c; 5 for \$2.00.

POPLAR, SILVER-LEAVED. Smooth light bark, leaves dark green on top, silvery white beneath. Hardy and a rapid grower. Price, 4 to 6 ft., 70c; 5 for \$3.50.

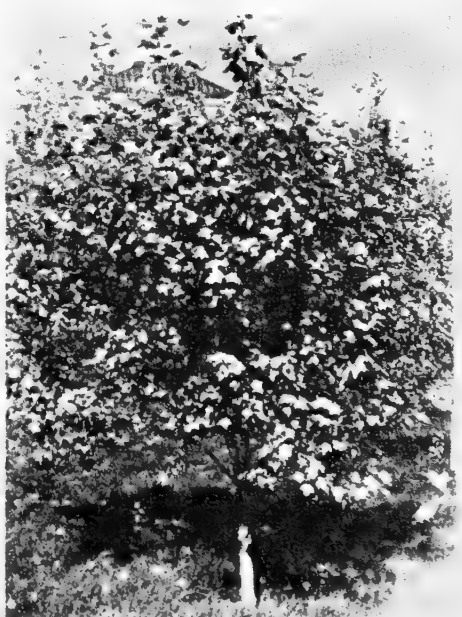
POPLAR, BOLLEANA. One of the most beautiful of poplars, tall and upright like a Lombardy in habit. Very hardy. Silvery bark and silver lined, maple shaped leaves. Price, 6 to 8 ft., each, 90c; 5 for \$4.25.



N. D. Cottonwood Poplar



Green Ash



Silver Poplar



Cut Leaf Birch

AMERICAN LINDEN or BASSWOOD. A beautiful shade tree native in parts of North Dakota. Valued also for its high honey yield in early spring. Price, 5 to 6 ft., each, \$1.00.

MOUNTAIN ASH (Sorbus Aucuparia). Beautiful in spring with its clusters of white blossoms and in fall with its heavy bunches of red berries. Hardy with a fair moisture supply. Price, 3 to 4 ft., each \$1.00.

CUT LEAF WEEPING BIRCH. Perhaps our most beautiful lawn tree. Hard to establish but really hardy when once started. Needs plenty of water. Price, each, 5 to 6 ft., \$2.00.

WILLOWS



Golden Willow Windbreak

WILLOW, GOLDEN. A hardy strain of this handsome windbreak and shelter-belt tree. Rapid grower, good quality wood. Price 3 to 4 ft., doz., 60c; 100, \$4.00.

WHITE ENGLISH WILLOW. Very hardy. A beautiful tree and does well in good, moist soil. 3 to 4 ft., doz., \$1.00; 100, \$7.50.

WILLOW, LAUREL LEAVED. One of the hardy Russian Willows. Price, 3 to 4 ft., doz., \$1.00; 100, \$7.50.

BRITZENSIS WILLOW. Valuable as a large tree, a screen or in the shrubbery planting. Very useful as an ornamental due to the pleasing bright red color of the bark. Hardy but should have good soil. Each, 3 to 4 ft., 15c; 10, \$1.00; 50, \$4.00.

For Diamond Willow, See Seedlings on Page 59.

FLOWERING AND ORNAMENTAL SHRUBS

Besides the shrubs listed we include a section of hedge plants which are equally valuable for shrubbery plantings, and we would refer you also to such of the native fruits as sand cherry, native gooseberry, chokecherry and wild plum which work well in ornamental plantings.

Prices given are F. O. B. here, customer pays transportation by express. Shrubs may be sent by mail for ten cents each added to prices. The lighter plants are used and are cut back before mailing.



Hawthorn

ARTEMISIA or OLD MAN. A very hardy Russian shrub useful for a quick hedge. Grows 4 to 5 ft. in one season; feathery, thick foliage. Should be cut back each year. Price, 18 to 24 in., each, 40c; 10, \$3.50.

BUFFALO or BULLBERRY (Shepherdia argentea). A lovely silvery shrub bearing masses of brilliant red berries in late summer and fall. A handsome ornamental up to 12 ft. tall, a compact, handsome hedge plant. 3 to 4 ft., each, 40c; 10, \$3.50; 5 to 6 ft., each, 50c; 10, \$4.50; 6 to 8 ft., each, 60c; 10, \$5.50.

HAWTHORN (Crataegus). Most effective and beautiful. A mass of white bloom in May and of bright red berries in August and September. Glossy leaves taking good fall colors. Max. height 8 to 10 ft. Its long thorns make it ideal for a hedge. Price, 18 to 24 in., each, 35c; 10, \$3.00; 2 to 3 ft., each, 50c; 5, \$2.25. Seedlings, 12-30 in., each, 15c; 50, \$5.00.

PHILADELPHUS. This beautiful, large double-flowered syringa when planted in a protected spot is very satisfactory. One of the newest of the modern hybrids. Each, 18 to 24 in., 65c.

GOLDEN or BUFFALO CURRANT. This lovely shrub with its bright yellow, fragrant flowers blooms in May. A native of our N. D. Bad Lands, very hardy. Maximum height 4 to 6 ft., fine fall colors. Does well in shady spots. Price, 2 to 3 ft., each, 40c; 10, \$3.50.

SCHUBERT PURPLE LEAVED CHOKECHERRY

In this entirely new introduction we feel that we have a handsome plant to provide color contrast, which is also free from the winter damage that often affects the Purple Leaved Sand Cherry. Foliage is green at first and slowly turns purple, an outstanding addition. Each, 3 to 4 ft., \$1.00; 5 for \$4.50.

CARAGANA FRUTEX. Maximum size 4 to 6 ft., large single yellow flowers in May. Very handsome. 18 to 24 in., each, 40c; 10, \$3.75.

CARAGANA PYGMEA. The very dwarf type with large yellow flowers in June. Seldom grows over 3 ft. high. Neat and regular habit. Our nearest shrub to the brooms and heaths. Price, each, 12 to 18 in., 30c; 10, \$2.75. 18 to 24 in., each, 40c; 10, \$3.75.

HIGH BUSH CRANBERRY (Viburnum americana). Native of North Dakota. Maximum height 5 to 6 ft. First cousin to the snowball. Flat clusters of white flowers. In the fall covered with bright red berries and brilliant foliage. Price, 18 to 24 in., each, 50c; 10, \$4.50.

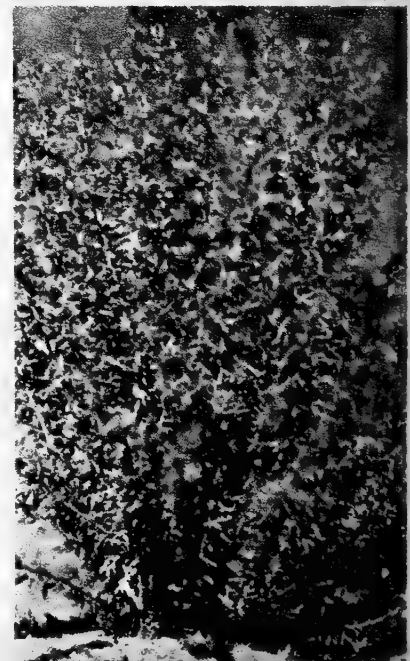
DAPHNE CNEORUM. A lovely little bush, about 1 ft. high, covered with showy pink flowers for much of the summer. Balled and burlapped. Price, each, \$1.25.



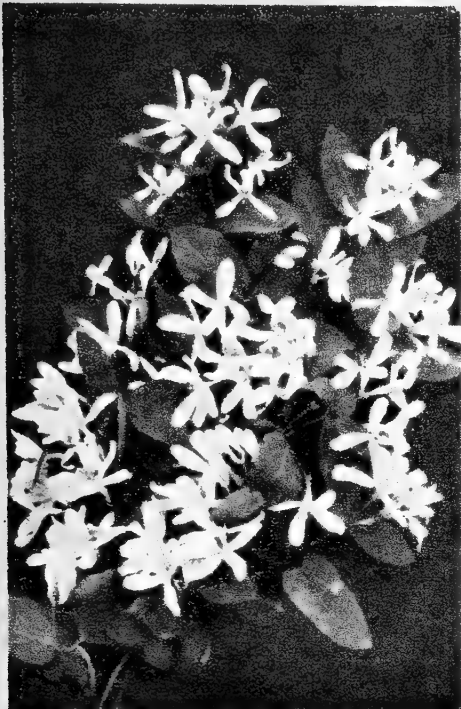
Buffalo Berry



Artemisia



Pygmaea Caragana



Mixed Honeysuckle

MIXED TARTARIAN HONEYSUCKLE. May flowering, very hardy, and striking. Shrub 5 to 8 ft. high, good as a hedge also. Blooms in pink, white and red. Extremely fragrant. 18 to 24 in., each, 30c; 10, \$2.75; 3 to 4 ft., each, 35c; 10, \$3.25; 4 to 5 ft., each, 40c; 10, \$3.75; 50, \$16.00.

RED HONEYSUCKLE. An all red selection. 18 to 24 in., each, 45c; 10, \$4.00.

MAY DAY TREE

Earliest blooming of shrubs, it presents a cloud of graceful white sprays of cherrylike flowers to welcome the spring. Striking and beautiful! A Siberian species and very hardy. 3 to 4 ft., each, 75c.

PRUNUS TRILOBA (Double flowering plum—Chinese Rose Tree). Perhaps the loveliest of May blooming shrubs. Double pink blossoms an inch across come before the leaves. Price, 3 to 4 ft., each, 80c.

PURPLE LEAVED SANDCHERRY—CISTENA. Grows 3 to 4 ft. high, spreading about the same. Foliage of a rich dark red, which makes a valuable contrast in shrub plantings. 2 to 3 ft., each, 65c.

PRINSEPIA SINENSIS. A very hardy Mongolian shrub. Bright green foliage, masses of yellow flowers early in spring followed by a purple, cherry like fruit. Very thorny. Each, 18-24 in., 50c.

PRUNUS JAPONICA. A shrub to 5 ft. tall, broad and graceful, white to pink flowers in early spring, followed in August by tremendous numbers of bright red fruits. 2 to 3 ft., each, 60c.

POTENTILLA. We have two kinds, the *fruticosa* and *veitchii*. Both grow about 1 to 2 ft. high, large rose shaped blooms. *Fruticosa* blossoms are yellow, *veitchii* white. Very useful as a low shrub blooming in July and August. Price, 18 to 24 in., each, 40c; 10, \$3.50.

RED DOGWOOD. As a shrub or hedge the white flowers, bright red bark, white berries and fall leaf colors are all beautiful. Grows 4 to 5 ft. high. Price, 3 to 4 ft., each, 40c; 10, \$3.75.

RED ELDERBERRY. Hardest of the elders. Lovely foliage and masses of bright red berries on into summer. 3 to 4 ft., each, 40c; 5 for \$1.75.

DWARF SIBERIAN FLOWERING ALMOND. Hardy, bears lovely pink blossoms profusely in May—height 18 to 36 inches. One of our best dwarf shrubs for severe conditions. Fall colors brilliant. Price, 18 to 24 in., each, 35c; 10, \$3.00; 2 to 3 ft., each, 45c; 10, \$4.00.

SILVERBERRY. Valuable for contrast because of its silvery color. Height, 3 to 5 ft. Small very fragrant yellow blossoms in June. A native. Price, 2 to 3 ft., each 35c; 10, \$3.00; 3 to 4 ft., each, 40c.

SNOWBALL (*Viburnum Opulus sterilis*). The snowball with its gorgeous display of big, white flower clusters in May or early June is an old favorite. Price, 18 to 24 in., each, 60c; 5 for \$2.75.

SHEEP BERRY (*Viburnum lentago*). Flat clusters of small white flowers followed by black berries. Lovely shining leaves of dark green which become a rich red in the fall. Maximum height 8 to 12 ft. Price, 3 to 4 ft., each, 40c; 10, \$3.70.

SMOOTH SUMAC. A hardy native. Notable for its very handsome foliage, its dark red fruit clusters which persist and its brilliant fall colors. Maximum height 5 ft. Price, 2 to 3 ft., each, 40c; 10, \$3.75.

TAMARIX (Dr. Yeager's hardy Amur). 6 to 8 ft. max. height, same breadth. Does not sap moisture from nearby plants. A feathery shrub with evergreen-like foliage bearing a dense mass of pink bloom in mid summer. Price, 18 to 24 in., each, 40c.



May Day Tree



Prunus Triloba



Siberian Almond
Snowball



Sheep Berry



Tamarix

LILACS



Villosa Lilac

PURPLE LILAC.
The old favorite, one of the hardiest. Each, 18 to 24 in., 40c; 5 for \$1.75.

PERSIAN LILAC.
Gradually replacing the older type because of its regular blooming habit and the fact that it spreads very little. Blooms a week



Hybrid Lilacs

or two later than the common. Color more purplish than the common. Price, 18 to 24 in., each, 45c; 10, \$4.00.

VILLOSA LILAC. A rugged variety globular in shape, 6 to 7 ft. high with handsome foliage. A late bloomer, pale lavender pink flowers late in June. Price, 18 to 24 in., each, 55c; 5, \$2.50; 2 to 3 ft., each, 65c; 5 for \$3.00.

HYBRID LILACS

HIAWATHA. A new type hybrid from the famous plant breeder, F. L. Skinner of Manitoba. Very late blooming.

ing. Foliage very large, flower clusters very heavy and of a deep rose color. Price, 18 to 24 in., each, \$1.00.

CHARLES X. Color between lilac and violet, clusters of tremendous size. May blooming French hybrid. One of the favorites. Price, 18 to 24 in., each, 70c.

MADAME LEMOINE. A pure white double French hybrid. May blooming. Price, 18 to 24 in., each, 70c.

LUDWIG SPAETH. A handsome single dark red of the French hybrid type. Blooms in May. Each, 80c; 5 for \$3.75.

PRES. GREVY. The best of the blues. A fine, large double. Blooms in May. Each, 80c; 5 for \$3.75.

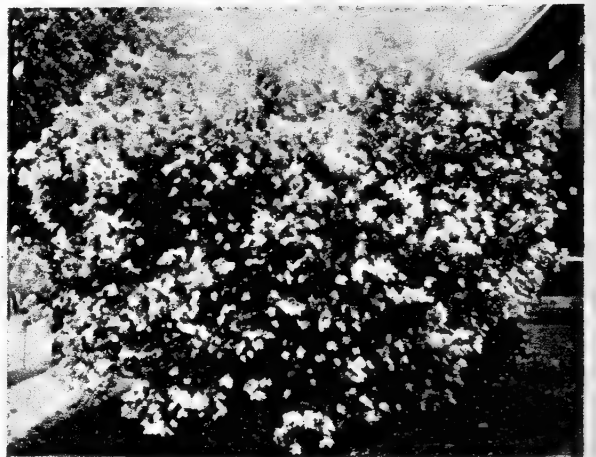
CONGO. An extra large flowered lilac in a striking wine red color. May blooming. Each, 80c; 5 for \$3.75.

HEDIN. Large, loose and graceful panicles of white to pinkish white blossoms. Very fragrant. June blooming Villosa hybrid. Blooms the end of June. Each, 3 to 4 ft., \$1.00.

EXCELL. Single mauve pink blossoms in large, heavy panicles. Comes into bloom at a very early age. Blooms in June. Each, 3 to 4 ft., \$1.00.

NOKOMIS. Large flowers of an attractive lilac color. Early May bloomer. A dilutata hybrid. Each, 18 to 24 in., \$1.00.

ASESSIPPI. Another early blooming dilutata hybrid. Broad, purple flowers. Each, 18 to 24 in., \$1.00.



Persian Lilac

SPIREA

VAN HOUTTE or BRIDAL WREATH. This established favorite with its masses of white flowers in May needs no long description. 18 to 24 in., each, 35c; 10, \$3.25; 2 to 3 ft., each, 45c; 10, \$4.25.

SORBARIA. Foliage resembles Mt. Ash. Long feathery spikes of white bloom in July. Maximum height 4 to 6 ft. Blooms on new wood. Price, 18 to 24 in., each, 50c; 5, \$2.25.

KOREAN SPIREA (Spirea trichocarpa). Blooms after Van Houtte with larger flowers and heavier clusters. Hardest of the type, graceful. A real addition to your planting. 18 to 24 in., each, 50c; 5, \$2.25.



Korean Spirea

BANKS OF SNOW SPIREA (Pekowiensis). The earliest blooming spirea we have. Very hardy and drouth resistant. Great garlands of creamy white bloom in May. 18 to 24 in., each, 60c; 5 for \$2.75.

FROEBELLI. The best of the dwarf, late blooming spirea. Dark rose flower clusters in July and early August. Maximum height below 2 ft. Price, 18 to 24 in., each, 50c; 5, \$2.25.

OPULIFOLIA (Ninebark or Hardhack). One of the hardiest of the spirea family. Maximum height 4 to 5 ft. Clusters of white flowers in June followed by showy red seed pods. Price, 18 to 24 in., each, 60c.

BILLARDI PINK. This is an August blooming species, 36 in. maximum height, flowers in long spikes of rosy pink. Price, 18 to 24 in., each, 40c; 5, \$1.75.

ARGUTA (Thunbergi). A very early blooming spirea with heavy white festoons of blossoms. 18 to 24 in. Price, each, 50c; 5 for \$2.25.

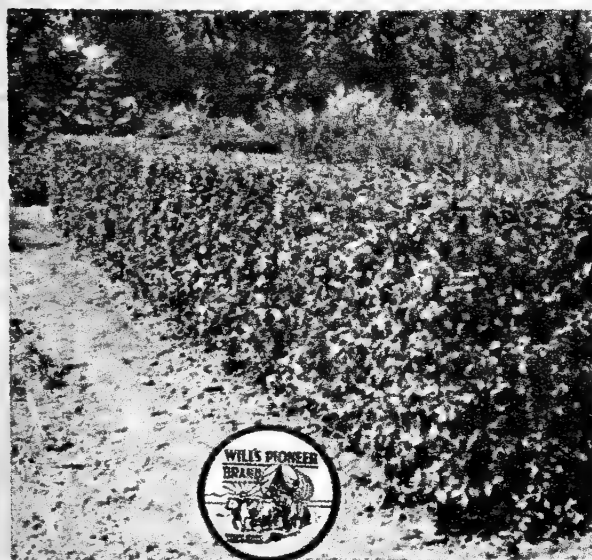


Van Houtte Spirea

HARDY HEDGE PLANTS

RUSSIAN OLIVE (*Eleagnus angustifolia*). A thick growing, beautiful silvery hedge plant which withstands cold, drouth and alkali. Valuable as well in shelter belts and windbreaks. 12 to 18 in., each, 10c; 10, 80c; 100, \$3.00.

SIBERIAN PEA (*Caragana arborescens*). Makes a beautiful hedge, either trimmed or untrimmed, a perfect snow trap in the shelter belt. Highly drouth and cold resistant. In June covered with yellow flowers. 12 to 18 in., each, 5c; 10, 40c; 100, \$2.50; 18 to 24 in., each, 8c; 10, 70c; 100, \$5.00.



Chinese Elm Hedge

COTONEASTER

(*Acutifolia*). Ex-

perts now recog-

nize it as probably superior even to privet for a low hedge. Per-

fectly hardy, handsome, clean and trims very well. Price, 18 to

24 in., each, 25c; 10, \$2.25.

BUCKTHORN.

A slow growing, very hardy and handsome hedge.

Requires moisture and good soil. 1 to 2 ft., each, 10c; 50, \$4.50.

3 to 4 ft., each, 25c; 10, \$2.00.

HAWTHORN.

Price, 2 to 3 ft., each, 40c; 10, \$3.75.

GOLDEN CURRANT.

Price, 2 to 3 ft., each, 40c; 10, \$3.50.

SHEEPBERRY.

3 to 4 ft., each, 40c; 10, \$3.70.

HAWTHORN.

18 to 24 in., each, 35c; 10, \$3.00.

HONEYSUCKLE.

3 to 4 ft., each, 35c; 10, \$3.25.

BUFFALO BERRY.

3 to 4 ft., each, 40c; 10, \$3.50.

PYGMY CARAGANA.

12 to 18 in., each, 35c; 10, \$3.25.

SIBERIAN ELM.

3 to 4 ft., each, 10c; 10, \$7.50; 100, \$7.00.

BAD LANDS CEDAR.

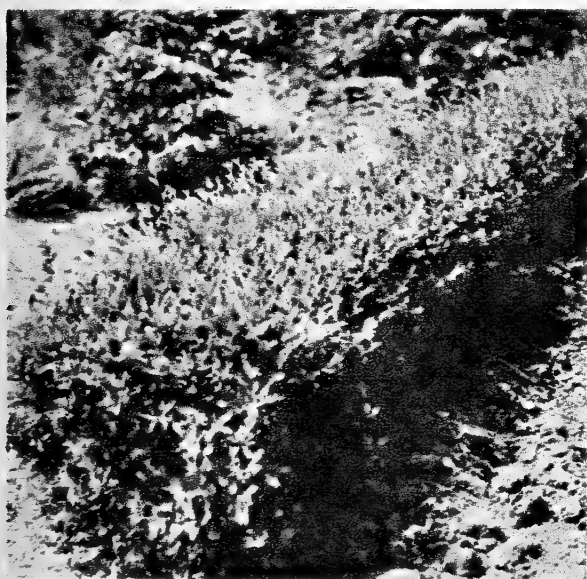
3 yr. seedlings, 10, \$2.00; 50, \$9.50.

For Descriptions Above, See Pages 61, 62, and 63.



Russian Olive

ORNAMENTAL VINES



Pygmy Caragana

WOODBINE or VIRGINIA CREEPER. The most popular porch vine in our list. Sometimes called 5-leaved ivy. Price, each, 30c; 10 for \$2.75. Postpaid, each, 35c.

ENGELMANN'S CREEPER. Resembles the woodbine, but has the added advantage of clinging tightly to brick, stone, concrete or stucco walls with no wires or other support. Price, each, 40c; 10 for \$3.50. Postpaid, each, 45c.

MENISPERMUM. A handsome, half woody climber whose handsome leaves resemble ivy. Does well in shade, prefers rich soil. Grows 10 ft. in a season and kills back part way. Price, each, 30c; 5 for \$1.25. Postpaid, each, 35c.

CHINESE MATRIMONY VINE. This is more of a trailing shrub than a climber. Useful on slopes, terraces and walls. Lavender flowers followed by bright red berries. Rapid grower. Price, each, 20c; 10, \$1.75.

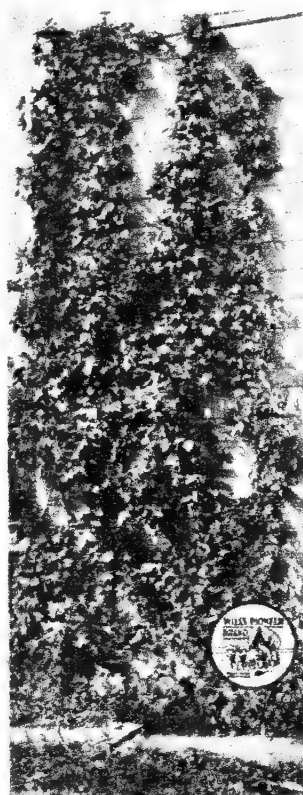
BITTERSWEET. A native of great hardiness, noteworthy for the beautiful shape and color of the berries in fall. Single sexed so several must be planted to assure berries. Handsome foliage. Price, each 50c; 5 for \$2.25. Postpaid, each, 35c.

CLEMATIS, JACK-MANH — LARGE FLOWERED PURPLE. One of the most beautiful plants that can be grown in the north. Needs some protection but is worth it. Price, each, \$1.00; 5 for \$4.00. Postpaid, each, \$1.10.

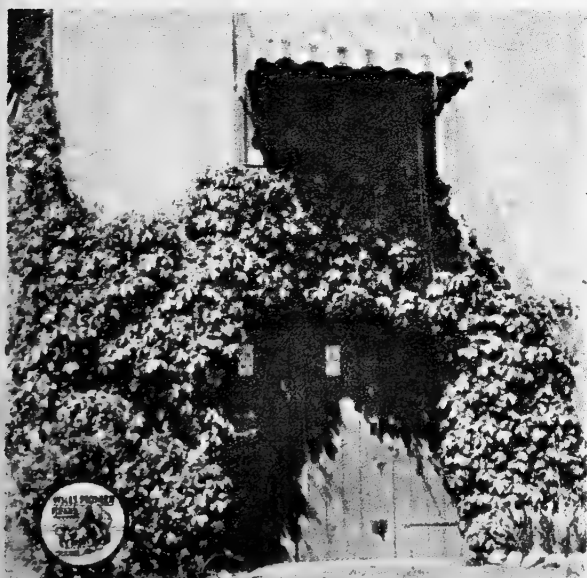
YELLOW CLEMATIS. Large, yellow bell shaped blossoms. Each, 50c; 5, \$2.00.

CLEMATIS, WHITE or VIRGIN'S BOWER. Starry, white flowers in July, feathery plumes in late summer and fall. Handsome, showy and very fast grower. Price, each, 35c; 10 for \$3.00. Postpaid, each, 40c.

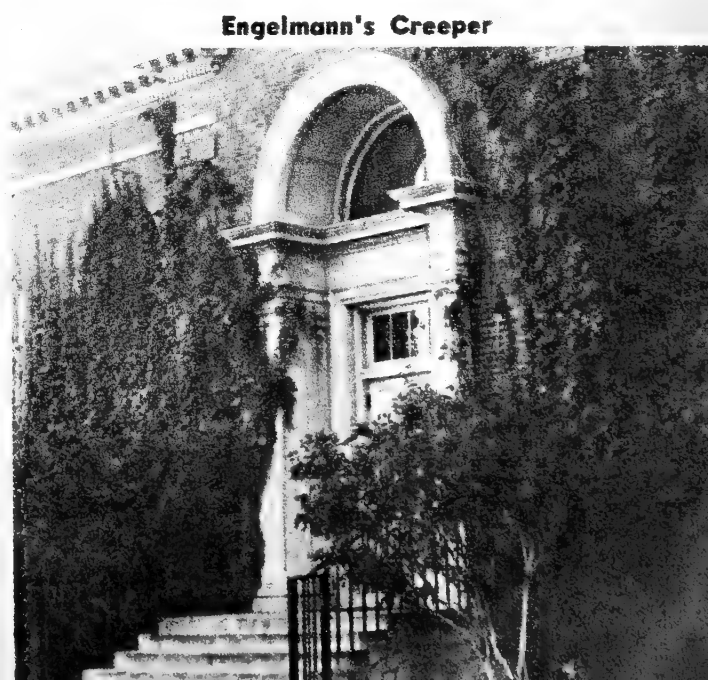
We also recommend Wild Grape Vines.



Menispermum



Woodbine



Engelmann's Creeper



Dr. Merkeley

HARDY ROSES

JUNE BLOOMING

June blooming roses are the hardiest of all and require no protection at all so far as the hardy varieties which we list are concerned.

DR. MERKELEY. A Rose with deep pink double flowers in July, very fragrant, quite hardy and grows about 2 feet high. This fine rose, which Mr. Skinner obtained from Dr. Merkeley, of Winnipeg, came from Siberia a number of years ago and is apparently related to the Cinnamon Roses. Worthy of a place in any garden. Strong bushes. Each, \$1.00. (Illustrated.)

BANSHEE is a very hardy light pink rose from eastern Canada. Blooms are large, very double and borne in profusion during much of June. Bush 2 to 3 ft. tall. Each, 75c; 5, \$3.50.

AGNES. The only yellow rugosa hybrid. Full double flowers of a lemon yellow color. 3 to 4 ft. tall, hardy, handsome. Each, 80c; 5, \$3.75.

ROSA ALTAICA. A bush rose, 4 to 5 ft. tall bearing large single, cream white roses with yellow centers in incredible numbers. The blooms last for several weeks and are followed by dark purple, ornamental fruits. Price, each, 90c; 5 for \$4.25.

PIONEER HYBRID. A chance cross from our nursery with Rugosa blood. A short, compact, well shaped bush, covered with large double pink blossoms in June. Price, each, 75c.

DAKOTA PRAIRIE ROSE (*rosa pratincola*) is North Dakota's state flower. A bush 1 to 2 ft. high bearing in profusion large single roses in color from very pale to rose pink. Bright with large scarlet roseberries later in the season. Each, 40c; 5 for \$1.75.



Prairie Rose

HARRISON'S YELLOW is perhaps the best known and most common June bloomer. 5 to 6 ft. tall, it is a perfect mass of bright yellow, double roses, 1 to 2 inches across, for several weeks in mid-June. Each, \$1.00; 5 for \$4.50.

BETTY BLAND, a production of Mr. F. L. Skinner, is outstanding among hardy roses. It bears masses of perfect bright pink roses of good size in June, and is most ornamental with its glossy leaves and bright purple bark throughout the rest of the year. Grows 4 to 6 feet tall. Each, 85c.



Sir Thos. Lipton

PERPETUAL BLOOMERS

The only really hardy bloomers of the Perpetual or repeating type are the Rugosa Hybrids which give us roses until well into autumn. Even they may kill back some or require some protection under extreme conditions.

GEORGE WILL ROSE. A hybrid with blood of Rugosa, hybrid tea and Arctic wild rose. Blooms early and often, a handsome double pink. Originated by Mr. Skinner. Each, 90c; 5 for \$4.00.

GROOTENDORST, the Carnation Rose, is a continuous bloomer and represents a new type, a cross between rugosa and baby rambler. Red flowers are borne in clusters and resemble carnations in appearance. Each, 75c; 5 for \$3.50.

BELLE POITTEVINE is a sturdy, strong growing pink rugosa hybrid, bearing large bright pink, very double flowers. Each, 85c; 5 for \$4.00.



Hansa

SARAH VAN FLEET produces large, very double flowers of an unusual pale pink shade. A strong bush with handsome foliage, 2 to 3 feet tall. Each, 85c; 5 for \$4.00.

JOHN McNAB. A new Skinner Rose, double pink flowers borne in great numbers in June and occasionally the rest of the Summer. Price, each, 85c.

RIDING MOUNTAIN. Another Skinner rose. Flowers are double and bright pink, foliage shows rugosa blood. Small bush. Price, each, 85c.

HANSA. Hardest of the class. Sturdy bushes; very dark red, double flowers continuously borne through the summer. A fine landscape rose. Each, 80c; 5 for \$3.75.

AMELIA GRAVEREAUX. A smaller and more delicate plant. Flowers most double of the rugosa hybrids, bright red in color. Best of the class for cutting. Each, 85c.

GRUSS AN TEPLITZ. An extra hardy hybrid tea rose that has been sold under the names of Prairie Queen, Prairie King, etc. It requires a little winter protection, but can be cut back in the spring and blooms on new wood. Price, each, 85c.

SIR THOMAS LIPTON. Best of the white Rugosa Hybrids. Two to 3 ft. tall, covered with a multitude of large, very double blooms most of the summer. Each, 85c; 5 for \$4.00.



Rosa Altaica

FLOWERING PERENNIALS

Really Hardy Fall Flowering Chrysanthemums

These extra hardy mums in a varied riot of colors have been secured by us from the Bureau of Plant Industry, U. S. D. A., from the Minn. Expr. Sta. and from Canada. As a foundation planting or border they bloom well into October after all other flowers are gone. **Price, each, 35c; doz., \$3.50, postpaid, each, 40c; doz., \$3.75.**

PINK CUSHION. A low, compact light pink from Canada. Outstanding among all these varieties for its perfect hemisphere of lovely pink blossoms in mid September.



Pink Cushion Mums

POCATELLO. Double white. Mid-season.

LARAMIE. Double, rose-colored, early and showy

MANANTICO. Dark rose pink, early.

TETON. Early single white.

UINTA. Semi-double, dark bronze, late September

UGLALLA. A tall, dark red, midseason.

ABSAROKA. Mid-season, large bronze yellow.

RED WING. Dwarf, handsome red, early.

WELCOME. Bright rosy purple, mid-season.

WINOOSKI. Latest of all. Very profuse double white.

HARMONY. A harmony of wonderful bronze and yellow in combination, early.

MANDAN SELECTION. A variegated light and dark pink. Very handsome.

MOONGLOW. A bright yellow, early, cushion type.



Hardy Mums

PERENNIAL ASTERS

Fall Blooming

MRS. FANNY HEATH. A late bloomer of the New England species and the most beautiful rose colored aster we have ever seen. Height 4 to 5 ft., flowers very numerous and large. **Each, 40c; doz., \$4.00; postpaid, each, 45c; doz., \$4.50.**

Prices of those below each, 24c; doz., \$2.40, postpaid, each, 26c; doz., \$2.60.

DAKOTA PINK. A very hardy upland native with unusually large flowers. 1 to 2 ft., blooms in September.

DAKOTA BLUE. Same as the pink but with a clear blue color.

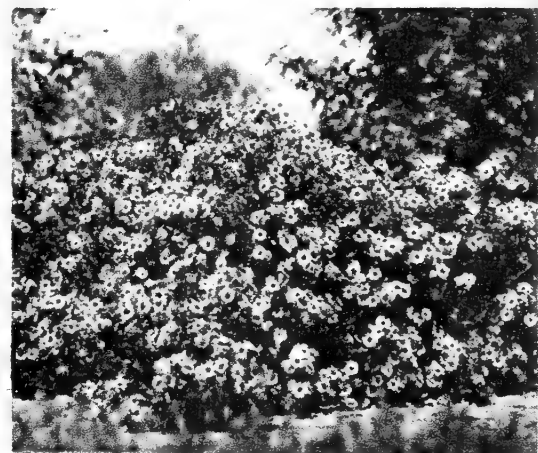
GARLAND. Blooms late August. Flowers in festoons of white on slender stems.

SHADY PLACE (laevis). 2 to 4 ft. Flowers light to dark blue. August blooming. Thrives in shade.

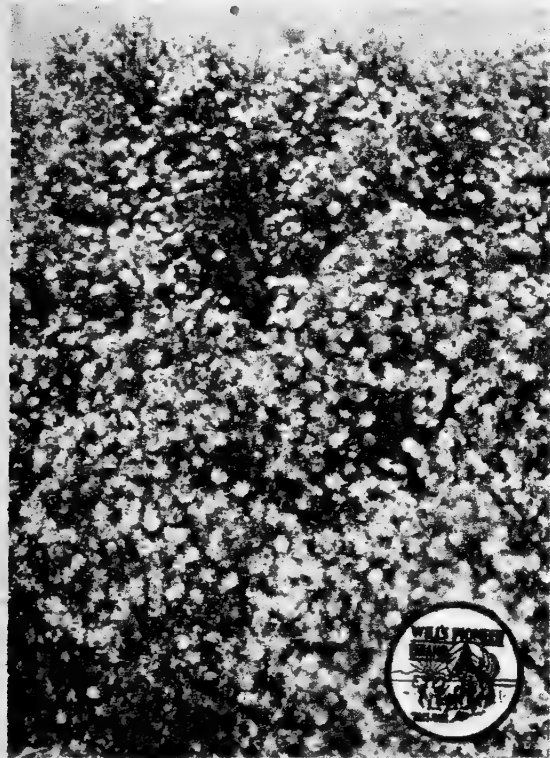
GOLDEN (chrysopsis). Bright masses of gold in August and September contrast in mixed plantings with the blues and pinks.

NEW ENGLAND. Tall, 4 to 5 ft., blooms in September, a rich dark blue.

MICHAELMAS DAISY. A tall, pale blue, blooming late and very profusely. A cross between our native Shady Place and the English aster.



Mrs. Heath Aster



Michaelmas Daisy

DELPHINIUM

Prices unless otherwise quoted: Each, 20c; doz., \$2.00. Postpaid, each, 22c; doz., \$2.20.

NEW ZEALAND. This lovely, dark blue delphinium came to us from a New Zealand gardener. It seldom exceeds 2 ft. in height. is bushy and literally covered with fine dark blue blossom in the regular chinensis type of spikes.

BELLADONNA. 4 to 5 ft. Long spikes, pale blue flowers.

BELLAMOSA. The dark blue, slender type, 24 to 48 in.

HYBRID. Extra large, double, long spiked plants in various shades and tones. **Postpaid, each 40c.**

PERENNIAL PHLOX

At Last—Really HARDY VARIETIES

ADA BLACK JACK. A Manitoba origination with the Pyramid & Boughen. These three are the hardiest of all the family. **A bright rose pink. Postpaid, each 30c; 5 for \$1.35.**

PYRAMID WHITE. Tremendous masses of pure white bloom. **Postpaid, each, 35c; 5 for \$1.60.**



Ada Black Jack Phlox

PEONIES

FINEST MIXED PEONY ROOTS

A mixture of named varieties in several colors. Postpaid, each, 35c; 10, \$3.25; F.O.B. here, each, 30c; 10, \$3.00.

Festiva Maxima

WHITES

FESTIVA MAXIMA. One of the largest of all Peonies. Usually carries a crimson fleck at the center. Early rose type. Postpaid, each, 75c; 5 for \$3.50.

BARONESS SCHROEDER. One of the finest whites. Has a very pale blush as it opens, turning to a clear, creamy white. Medium late, very double. Postpaid, each, 75c; 5 for \$3.50.

MYRTLE GENTRY. A brand new Peony. Blossom huge, color very pale pink turning white. Very hardy and vigorous, late bloomer. One of the best. Each, \$2.50; postpaid, \$2.60.

REDS

FELIX CROUSSE. Blooms late mid-season, a bright rich ruby red—a heavy bloomer and excellent for cutting. Postpaid, each, 75c; 5 for \$3.50.

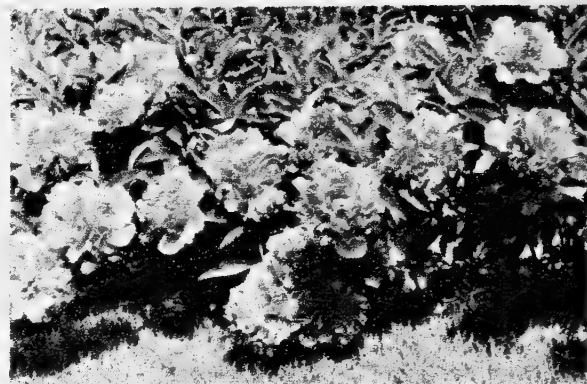
KARL ROSENFELD. Early mid-season, dark red, rose type. Postpaid, each, 80c; 5 for \$3.75.

PINK

CLAIRE DUBOIS. A late, very double, rose-pink peony, very large. Postpaid, each 75c; 5 for \$3.50.

JULES ELIE. Early. The finest and largest of all bright pink peonies. Postpaid, each, 80c; 5 for \$3.75.

SARAH BERNHARDT. A mid-season, large flowered apple blossom pink of the rose type. Postpaid, each 80c; 5 for \$3.75.



Felix Crousse

HARDY IRIS

We are once more indebted to our friend, the iris specialist, Rev. E. L. Jackson of Mobridge, S. D., for this excellent list of hardy, adapted iris.

FINEST MIXED IRIS—All Named Varieties. The best mixture we have ever offered. Do not miss this bargain. Each, 20c; doz., \$2.00; postpaid, each, 22c; doz., \$2.20.

DWARF EARLY IRIS

ARENARIA. Dwarf, lemon yellow iris, very prolific, very early blooming, of value for edging, etc. Each, 20c; doz., \$2.00; postpaid, each, 22c; doz., \$2.20.

DARK BLUE PUMILA. A very handsome early dwarf iris, 6 to 8 inches tall. Blooms in early May, very hardy. Each, 20c; doz., \$2.00; postpaid, each, 22c; doz., \$2.20.

AZUREA. A skyblue dwarf pumila iris, sturdy, hardy, early. Each, 20c; doz., \$2.00; postpaid, each, 22c; doz., \$2.20.

SNOW MAIDEN. A striking pure white dwarf. Postpaid, each, 20c; doz., \$2.00.

WILD BLUE FLAG. The small, hardy native iris of the north. Postpaid, each, 20c; doz., \$2.00.

EUROPEAN FLAG. The tall, moisture-loving flag with pale yellow blossoms, very useful around a pool. Postpaid, each, 20c; doz., \$2.00.

INTERMEDIATE IRIS

Prices, unless otherwise quoted: Each, 24c; doz., \$2.40; postpaid, each, 27c; doz., \$2.70.

These bloom about half way between the early dwarf and tall bearded sorts. Most autumn flowering varieties belong to this class.

AUTUMN KING. With us only occasionally blooms in the Fall, although we understand that in some localities it regularly blooms twice. It is a fine purple in color.

WHITE AUTUMN KING. A beautiful white intermediate that usually blooms well in the fall.

ELEANOR ROOSEVELT. The best fall bloomer of recent years. Deep blue in color and of high quality.

GOLDEN BOW. Very large flowers of chrome yellow.

RED ORCHID. Color, a rich carmine violet.

ZWANENBURG. Crimson and maroon, a very heavy producer and very early.

TALL BEARDED IRIS

Prices, unless otherwise stated: Postpaid, each, 27c; dozen, \$2.70

ANITRA. Large flowered and tall. A verbenia violet or exquisite soft blue. Very fragrant.

CHEERIO. A bright sparkling red bi-color.

CLARIBEL. (J. Sass, 1936). A large-flowered plicata, white standard edged with blue, tall with 40-inch stems. Postpaid, each, 40c; doz., \$4.00.

CRYSTAL BEAUTY (J. Sass, 1935). A large flowered self of pure white. Tall, well branched. Postpaid, each, 30c; doz., \$3.00.

DEPUTE' NOMBLLOT. Rosy purple and garnet red. A giant in size and has been outstandingly hardy for the past 10 years.

GOLDEN HIND. A deep, rich, pure yellow, 3 feet tall. Almost golden. One of the best.

GOLDEN LIGHT. A highly ruffled and very free flowering cinnamon-orange buff affair. It completely displaces the older Euphony, and can be had at a remarkably low price. Fine for cutting and for garden effect. Postpaid, each 30c; doz., \$3.00.

IMPERIAL BLUSH. H. Sass, 1933). The finest of the large frilled orchid pinks. Postpaid, each, 30c; doz., \$3.00.

MARCO POLO. A large red iris of striking appearance. Standard, rose; falls crimson. A strong grower. Postpaid, each, 30c; doz., \$3.00.

NARANJA. A new orange color effect. Striking in color and form. Very hardy. Postpaid, each, 35c.

PRAIRIE GOLD. A Great Plains type—hardy and beautiful. Very

large yellow flowers. Postpaid, each, 20c; doz., \$2.00.

PINK OPAL. A tall, large flowered iris of pink or lilac tone. Hardy and a good bloomer.

RAMESES. One of the very finest of all Iris—golden buff and pink, with a large sturdy growth and many blooms.

SANDIA. A deep clear pink blend.

SNOW KING. Perhaps the loveliest of the whites and very hardy. Majestic in carriage, faultless in form. Postpaid, each, 35c; doz., \$3.50.

VIOLET CROWN (Kirkland, 1931). While there are many blues and many pinks of recent origin there are very few blends of lavender in the intermediate shades. This is the outstanding lavender in Iris. It is really a deep tone of lilac with rich glistening texture. Fine height, fine branching and a good grower. Can stand the heat of the prairies very well. Postpaid, each 30c; doz., \$3.00.

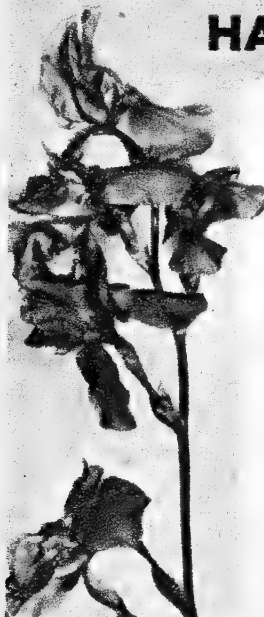
WAR EAGLE. A rich, deep red-toned iris. A prolific bloomer of medium size and great hardiness. Postpaid, each, 40c; doz., \$4.00.

WM. MOHR. The entire bloom is a self of pale lilac, closely netted and veined deep violet, producing a weird, yet very lovely effect. A monster flower of medium height, with small foliage. Plant in a dry, well drained spot. Postpaid, each, 35c; doz., \$3.50.

WINNESHIEK. A fine tall deep purplish blue, leaves lighter toward the margins.

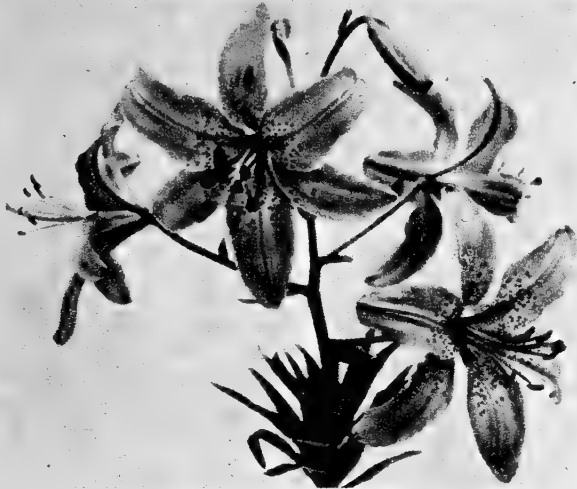


Tall Bearded Iris



Dark Blue Pumila

LILIES



Single Tiger Lily



Dauricum Lily

THE W. A. SIMMONS LILY. This lily, another Skinner hybrid with the native lily, resembles Dauricum, but is an exceptionally heavy bloomer and the flowers are of a handsome orange color. Postpaid, each, 40c; doz., \$4.00.

MARIPOSA LILY. A native of the Dakota Bad Lands and the Rockies. Sometimes called Butterfly Lily or American Tulip. Blooms in early June. Lovely tulip-like white blooms with colored centers on waving stems 10 inches high.

LILY OF THE VALLEY. The outstanding early flower for very shady locations. Each, 30c per clump; doz., \$3.00; postpaid, each, 35c.

DAY LILIES—We offer three hardy sorts from Asia

HEMEROCALLIS DUMORTIERI. Blooms in June; 18 in.; Flowers orange yellow.

HEMEROCALLIS MIDDENDORFFI (Amur Day Lily).—Blooms in June and July; height 2 to 3 feet; flowers bright yellow.

HEMEROCALLIS THUNBERGII. Blooms in July; height 2 to 3 feet; flowers clear yellow and fragrant. Postpaid, prices for all three, each, 30c.

General Flowering Perennials

Prices Unless Otherwise Quoted

Each, 20c; doz., \$2.00. Postpaid, each, 22c; doz., \$2.20.

ACHILLEA. The Pearl. White, aster-like blooms. June-Sept. 18-in.

BABY'S BREATH. Standard. Feathery white, 18-24 in. Blooms all season.

Bristol Fairy. Large double Baby's Breath, grafted roots. Each, 40c; doz., \$4.00. Postpaid, each, 45c; doz., \$4.50.

BLEEDING HEART. Blooms in May. Each, 40c; postpaid, each, 45c.

BOUNCING BET (Saponaria). Pinkish white, 12-18 in., blooms all season. Resembles Phlox.

CAMPANULA. Rapunculo-des. Blue Bell. 30 in. Blooms June and July.

Carpatica. A 6 to 12 in. Blue Bell with large, bright blue bells.

Rotundifolia. The delicate and early Scotch Blue Bell.

COLUMBINE. Canadensis. Red and yellow. Rocky Mountain. Lovely blue, blooms in June. 18 in.

Hybrid. Mrs. Scott Elliott hybrids in a variety of shades.

Liberty Bell. A cream colored native of Montana.

CREeping BUTTERCUP. A ground cover useful around pools, etc.

DAISY, Shasta. Blooms from June till fall. 12 to 18 in.

Giant. 3 to 5 ft. Blooms profusely late in season.



Giant Daisy

POPPY MALLOW. A low-growing plant of the ground cover type. Blooms most of the season. Flowers a handsome purple, large and poppy-like.

ROSEMARIE. A double, perennial pink morning glory.

SWEET WILLIAM. Perennial member of the pink family with a variety of shades.

SEDUM. Spurium. Pink flowers. Ground cover.

Spectabile. Handsome foliage and fleshy leaves and stalks, up to 1 foot high.

Kamschaticum. Low ground cover with yellow flowers.

SIBERIAN SWEET PEA. A rose purple flowered dwarf perennial that blooms over a long period.

SIBERIAN LAVATERA. 3 to 5 ft. A pink flowering hardy and long blooming perennial with a 3 foot spread.

STATICE. Resembles Baby's Breath but of a lavender color.

TANSY. Plover Head. Clear yellow flowers in clusters from July on. 2 to 4 ft. A medicinal herb.

VERONICA SPICATA. Long, graceful spikes of clear blue in July.

CRIMSON YARROW. Milfoil, in a dark red color. Hardy, showy. Blooms July and August.

Painted. 12 to 18 in. Blooms all season. Rose color.

DIANTHUS SPLENDENS. The lovely little hardy, fragrant pinks.

ERYNGIUM, Sea Holly. 18 to 36 in. At blooming time the whole plant is blue.

GAILLARDIA, Blanket Flower. 12 to 18 in. Blooms all season.

Burgundy. A lovely dark red Gaillardia.

GOLDENGLOW. Double, each, 25c. Postpaid, 30c.

HEARTSEASE. The old-fashioned perennial pansy.

HOLLYHOCK. We have a lovely selection of colors. Single and Double, each, 25c; doz., \$2.50. Postpaid, each, 30c.

ICELAND POPPY. 12 to 15 in. tall. Mixed orange, white and yellow. Blooms all season.

LYCHNIS. Perennial with the brightest of scarlet blossom clusters.

LINARIA. Butter and Eggs of old-fashioned gardens. Looks like a yellow and white snapdragon.

PHYSOSTEGIA. Tall stems topped by white snapdragon-flowers blooming in August.

PLATYCODON, Chinese Bellflower. Comes in blue. Blooms July and August. Ht. 18 to 30 in.

ICELAND POPPY. This hardy early spring and summer bloomer comes in whites, yellows and orange.

Gaillardia



Philadelphicum No. 12

NATIVE PERENNIALS of the PLAINS & MOUNTAINS

Prices unless otherwise quoted: Each, 25c; doz., \$2.50; postpaid, each, 30c; doz., \$3.00.

ANEMONE (Canadensis). Large waxy flowers in late June. Bright green foliage.

AMORPHA, Fruticosa. Finely cut leaves, purple bloom in July. 4 to 6 ft.

AMORPHA, Canescens. Lead Plant. Gray foliage. Spikes of purple and gold in July.

BITTER ROOT (Montana State Flower). Blooms in very early spring.

BLUE EYED GRASS. A dainty grass like plant of the iris family with a blue star on each stem. 12 in. Blooms in June.

BLAZING STAR (Iris). Tall, 18 to 30 inches. Blooms in July. Long spikes of button-like blossoms, opens from bottom to top. A fine cut flower. Comes in white and purple. Dwarf, 12 to 18 in. tall. Purple spikes in July.

CERASTIUM. A ground cover plant with myriads of white blooms.

CONEFLOWER, Pink (echinacea). 18 to 36 in. July bloomer. Large pink blooms with brown cone-like centers.

PRAIRIE (ratibida). 12 to 18 in. blooms July and August. Handsome combinations of red, brown and yellow.

ERIGERON (flagellaris). A thick green ground cover, set throughout the summer with pretty daisy-like blooms. Like a carpet.

FLOWERING ONION—(Yellow and Pink). Graceful and pretty members of the lily family blooming in June and July.

FLAX, Native Blue. Graceful masses of heavenly blue flowers, renewed every morning for weeks. June to September. 18 in. tall.

GOLDEN ROD (Solidago). We have a tall July blooming variety 18 to 24 in., and an August blooming 12 to 18 in. species, both of the graceful, slender type.

GOLDEN DOME (Gutierrezia). 6 to 12 in. Blooms late July and August. Perfect domes of small closely set bright flowers.

GUMBO LILY—Cowboy-Lily (White evening primrose). One of the most beautiful of the Bad Lands flowers, 4 to 6 in. high with huge white blossoms which turn pink as they age. Blooms from May through the season.

MEADOW RUE—(Thalictrum). Feathery clumps with foliage like columbine. 3 to 5 feet. June bloomer.

MERTENSIA (Lanceolata)—PRAIRIE BLUEBELL. 6 to 10 in. tall. Blooms in May and early June with a cluster of bright blue bells.

RED MALLOW (malvastrum). Known to prairie children as "wild geranium," 4 to 6 in. tall. Blooms from May to July with many scarlet flowers.

MONARDA (fistulosa). Blooms July and August. 12 to 18 in. Called horsemint. Flower heads of lavender pink.

PRAIRIE PHLOX. Both douglasii and andicola. The creeping, hardy ground cover which becomes a mass of fragrant white stars in May.

PASQUE FLOWER—PRAIRIE CROCUS (Pulsatilla patens). The first prairie flower of spring.

PRAIRIE CLOVER (Petalostemum). 12 to 18 inches. Midsummer blooms of purple or white on cone-like spike. Either color is available.

SOLOMON'S SEAL. Lovely for shady locations.

RED SPIDERWORT (Tradescantia). 8 to 18 inches. Striking red purple flowers in June and July coming out fresh each morning. Grass-like foliage.

SPIDERWORT (Tradescantia). 8 to 18 in. Striking blue flowers in June and July coming out fresh each morning. Grass-like foliage.

SENECIO (Ragwort). One of the best known of the extra early prairie flowers. Clusters of bright yellow bloom.

STANLEYA (Pinnata). A very striking native from the Bad Lands. 2 to 3 ft. tall and covered with long, feathery yellow spikes in June and July.

SUNFLOWER MAXIMILIANII. The tall perennial sunflower of the valleys and meadows. Resembles Golden Glow.

THERMOPSIS. The common Yellow Sweet Pea of our western prairies. 6 to 12 in. Blooms in May.

YUCCA (Glaucia)—SPANISH BAYONET. Hardest of the sword plant family. Long silvery blades with a tall spike of large greenish white bells in July. Fine to group with cactus. Postpaid, each, 35c.

PENTSTEMON

GRANDIFLORA. 18 to 24 in. tall. Blooms in late June. A tall spike of lavender bells an inch across and of tremendous attractiveness.

DWARF BLUE (Nitidus). The deepest blue of the group. 6 to 12 inches tall. Blooms in May and early June.

MISSOULIENSIS. A very dwarf vivid blue flower, even smaller than Nitidus. Each plant bears a whole cluster of flower stalks. From the Rocky Mountains.

ANGUSTIFOLIA. 12 to 18 in. tall, bright blue spikes with flowers crowded on them. Blooms in June.

CRISTATUS. A hardy Bad Lands species. 10 to 16 in. tall with hairy leaves and close spikes of very large lavender purple bells.

BRANDEGI. Hardest of the native Great Plains red pentstemons.

GLABER. 1 to 2 ft. tall. Blooms in June and thru July. The clearest of blues, flowers 1 inch across on long spikes.

DAKOTA CACTI Postpaid, each, 30c; dozen, \$3.00

OPUNTIA POLYCANtha. With the lovely lemon to orange clusters of flowers in July. The common prickly pear.

OPUNTIA HUMIFUSA. Like the above but with heavier joints and longer white spines. Yellowish green flowers, red fruits.

OPUNTIA FRAGILIS. Another type with slender joints and more delicate spines. Pale yellow flowers.

MAMILLARIA VIVIPARA. The pin-cushion cactus with the rose colored flowers.

IMBRICATA. A tall growing cactus with purple flowers, from the foot hill country.

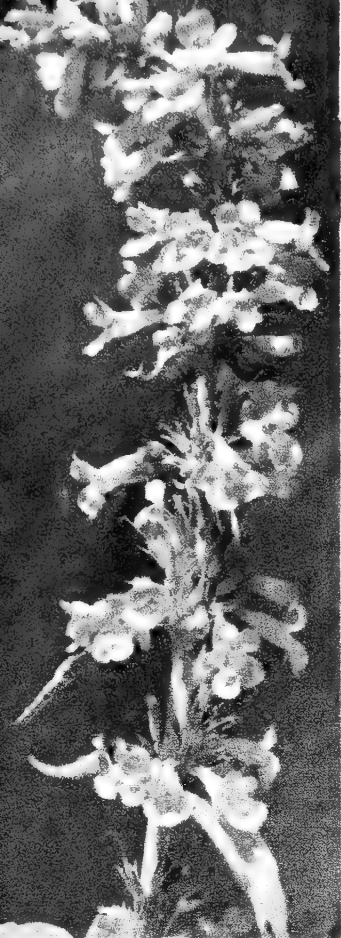
OPUNTIA RUTILA. Resembles the regular prickly pear but bears lovely carmine flowers instead of yellow.

ECHINOCEREUS VIRIDIFLORUS. The only northern representative of the cylindrical cactus. 3 to 7 in. tall. Flowers greenish in color.

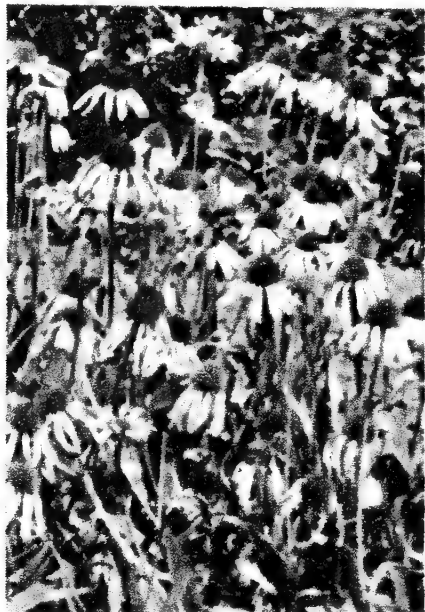
VIOLETS: White. A native of the woods and thrives in shady places.

Blue Meadow. Does well in the open or in partial shade, but requires much moisture.

Yellow (Nuttall's). Native of prairie hills and thrives under cultivation.



Pentstemon
Missouliensis



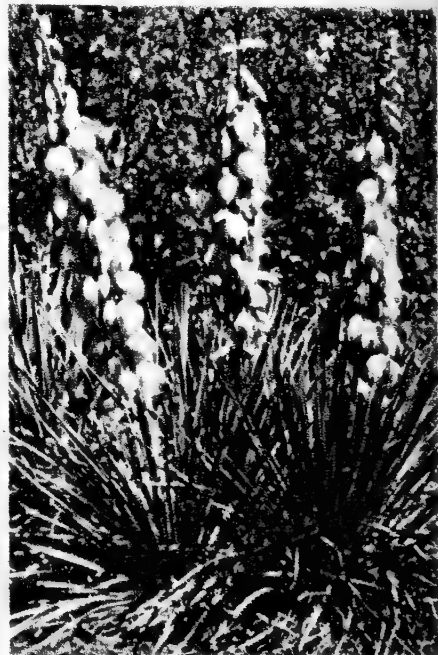
Coneflower



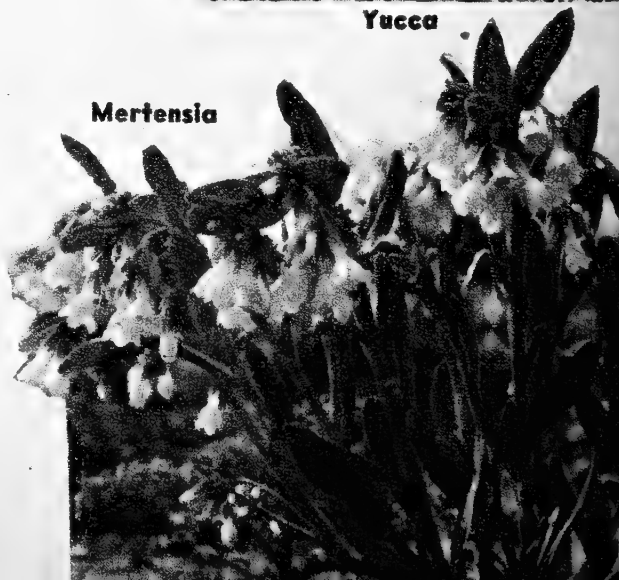
Pentstemon Grandiflora



Gumbo Lily



Yucca



Mertensia

RED and BLACK RASPBERRIES



Chief

RUDDY. Dr. Yeager's hardy and heaviest bearing of all raspberries. A cross between black and red varieties. Color a handsome purple. Vigorous foliage, large and uniform fruits. Each, 15c; doz., \$1.50; postpaid, each, 18c; doz., \$1.75.

CHIEF. Hardest of the Minn. Fruit Breeding Farm varieties. A fine colored red raspberry with large and uniform fruit. Very heavy yielding, strong and healthy. Doz., \$1.25, 50, \$5.00; postpaid, doz., \$1.35; 50, \$5.25.

LATHAM. An outstanding commercial berry from the Minn. Fruit Breeding Farm. Does well under more favorable conditions. Doz., \$1.25; 50, \$5.00; postpaid, doz., \$1.40.

SUNBEAM RASPBERRY. We have at last worked up a stock of this old favorite from the plant laboratory of Prof. N. E. Hansen. Price: Each, 20c; doz., \$2.00; postpaid, each, 25c; doz., \$2.25.

MRS. HEATH BLACK RASPBERRY. A native collected by Mrs. Heath and perfectly hardy. A very prolific bearer and of excellent quality. Price: Each, 20c; doz., \$2.00; postpaid, each 25c; doz., \$2.25.



Mrs. Heath



Ruddy

CURRENTS

RED LAKE. This variety from the Minn. Fruit Breeding Farm is generally conceded to be the greatest improvement among currant varieties that has been brought out in the past 30 years. Hardy, highest quality, very prolific. The best red currant in existence. Price: Each, 45c; doz., \$4.50; postpaid, each, 50c; doz., \$5.00.

WHITE GRAPE. A clear, translucent white currant—sweetest of all the currant varieties. Fruit is large as are the clusters. A steady annual bearer. Hardy. Each, 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.

NATIVE BLACK. Transplanted, nursery grown stock of this hardy native. Black fruits in clusters. Excellent for jam and jelly. Also an ornamental of some value. Price: 18 to 24 in., each, 20c; doz., \$2.00; postpaid, each, 25c; doz., \$2.25; 2 to 3 ft., each, 35c; doz., \$3.50.

GOLDEN CURRANT. A handsome yellow flowered ornamental. Equally valuable for its large fruit which makes excellent jam and jelly. Price: 2 to 3 ft., each, 35c; 10, \$3.00; postpaid, each, 40c.

NOTE: Currants and Gooseberries of all kinds will be shipped only into the states of North Dakota, South Dakota, Nebraska, Kansas, Wyoming and those parts of Montana and Minnesota not barred by Federal Quarantine. Orders from other states cannot be filled.



Red Lake

GOOSEBERRIES

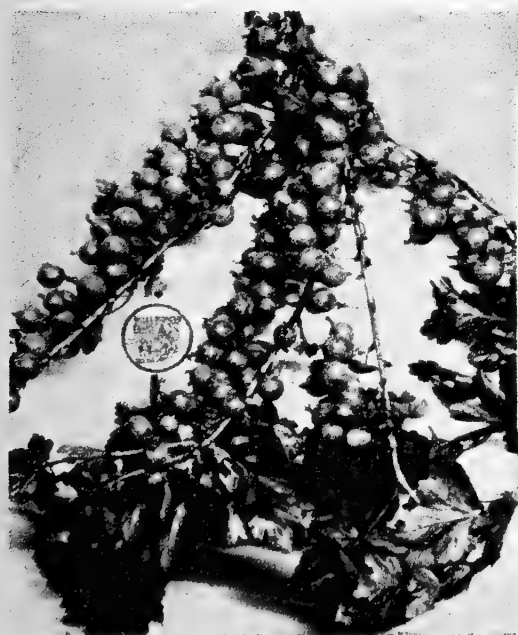
PIXWELL. One of Professor Yeager's wonderful productions. A cross between a native wild selection and a high quality cultivated sort. The berries are very large. The plants rapid growing and vigorous. A heavy bearer. Fruit on long stems and bushes sparse in thorns, hence they are very easy to pick. Price: Each, 40c; doz., \$4.00; postpaid, each, 45c; doz., \$4.50.

NATIVE WILD. Useful especially as an ornamental, but valuable also for the considerable quantity of fruit produced. It is the first plant to leaf out in the spring when its new vivid green leaves herald the season. Turns bronze red in fall. Each 20c; doz., \$2.00; postpaid, each, 25c; doz., \$3.10.

JUNEBERRY or SARVICE BERRY

WESTERN JUNEBERRY. One of our finest wild fruits which improves greatly under cultivation. Useful also as an ornamental shrub. Each, 18 to 24 in., 50c; 10, \$4.50.

SUCCESS. An extra large fruited variety of the low, bushy juneberry. Each, 75c.



Pixwell

STRAWBERRIES

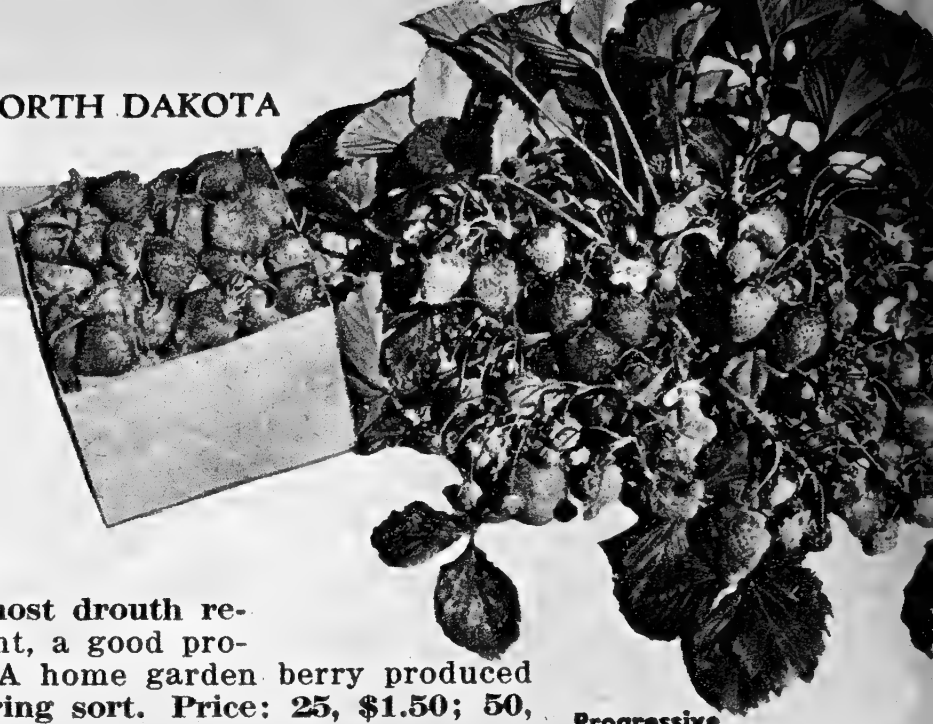
We are pricing strawberry plants only at post-paid prices. All orders for them will be shipped separately as we cannot usually start shipping them till nearly May first, and the plants are likely to be damaged if packed in with other goods.

YEAGER'S DRY WEATHER. Bred and first distributed by Dr. Yeager from Fargo. All who have tried it have found it to be the most drouth resistant of all strawberries. It is cold resistant, a good producer of quality fruit, not a good shipper. A home garden berry produced especially for the Great Plains. An everbearing sort. Price: 25, \$1.50; 50, \$2.75; 100, \$5.00.

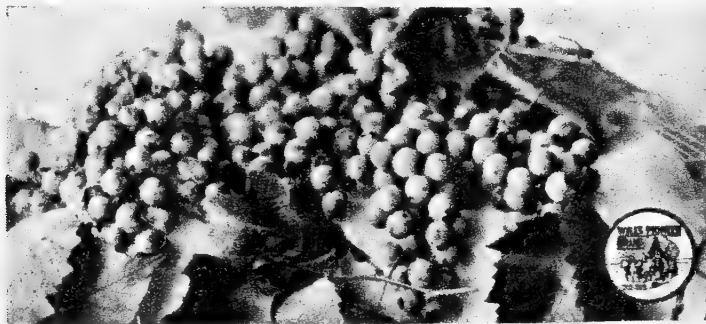
PROGRESSIVE. We still feel that this is one of the best everbearing strawberries available for the Northwest. It is very hardy, productive and of delicious quality. Most of the newer sorts winterkill badly. Price: 25, 90c; 50, \$1.50; 100, \$2.50; 1,000, \$18.00.

Gem. This everbearing variety has been growing in favor on account of its hardiness, quality and heavy bearing so that we have decided to list it. We have not tried it for any long period as yet. Prices same as for Progressive.

DUNLAP. We have found the Dunlap to be the best all-around June-bearing variety for our climate. The fruit is borne bounteously, and the berries are regular in shape and delicious in quality. They are large, bright red, and good keepers. Excellent for canning. Price: 25, 75c; 50, \$1.25; 100, \$1.75; 1,000, \$15.00.



Progressive



Native Wild Grape

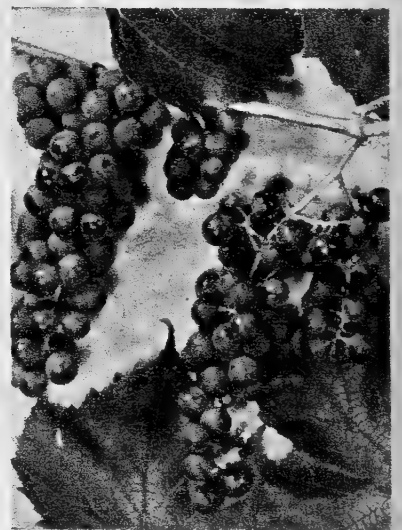
GRAPES

NATIVE WILD (*Vitis riparia*). To insure fruit several should be planted as each plant is of a single sex. A fast grower, valuable as an ornamental climber, noted for the wonderful fragrance of its blossoms in June, and for the value of

the fruit for jams, jellies and grape juice. 2 yr. plants. Each, 30c; doz., \$2.50, postpaid, each, 35c.; doz., \$3.00.

BETA. One of several hybrids between Concord and the wild grape, produced in Minnesota a number of years ago. The hardiest tame grapes so far introduced—the fruit is blue-black, of medium size, with a pleasant, aromatic flavor. Should be planted only in sheltered spots where they bear well. Fruit ripens the last of August. Price: Strong plants, each, 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.

ALPHA. A sister of the Beta which it very closely resembles. Possibly a little better adapted to the heavy black soils. Fruit is perhaps a little sweeter. Size a trifle smaller than the Concord. Each, 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.



Beta Grape

EDIBLE AND USEFUL PERENNIALS

MCDONALD RHUBARB. Very large and prolific, practically without seed stalks, makes pink sauce, fine flavored. Each, 45c; doz., \$4.50; postpaid, each, 50c; doz., \$5.00.

CHIPMAN'S CANADA RED RHUBARB. The best rhubarb of all the good Canadian varieties. One of the productions of the famous Canadian plant breeder, G. F. Chipman. Stems dark red clear to the heart. As sturdy and prolific as McDonald, seedless. Produces the sweetest, finest flavored and most beautiful red sauce for dessert or in pies and shortcakes. Each, 90c; 5 for \$4.25; each, \$1.00, postpaid; 5 for \$4.50.

STANDARD. Seedlings from common plants. Each, 25c; doz., \$2.50; postpaid, each, 30c; doz., \$3.00.

SUNRISE. One of the newest sorts from Canada. A very dark red flesh which produces dark maroon sauce of exceptional mildness and flavor, ranking tops in all trials. Each, \$2.00; postpaid, \$2.10.

MINT. Spearmint, the mint of mint juleps. Easily grown in every garden. Postpaid, each, 15c; doz., \$1.50.

BOHEMIAN HORSERADISH. The best cultivated variety. Doz., 30c; postpaid, doz., 35c.

ASPARAGUS—MARY WASHINGTON. Postpaid, doz., 35c; 50, \$1.00; 100, \$1.75; F. O. B. here, doz., 30c; 50, 90c; 100, \$1.65.

CHIVES (*Schnittlauch*). Grass onion. An ornamental with balls of blue blossoms—foliage very useful for flavoring. Each, 20c; doz., \$2.00; postpaid, each, 22c; doz., \$2.20.



McDonald Rhubarb

HARDY APPLE TREES

All authorities on Great Plains Horticulture recommend planting only young stock such as we offer because it establishes itself much more quickly and easily and there is likely to be less loss. Remember that our apples are grafted and budded on the hardiest apple roots in the world.

YEAGER SWEET. This Apple, previously listed as a Crab (N. D. No. 6) has been placed after a conference with horticulturists among the real apples. It is 2 to 2½ in. in diameter. It has exactly the flavor of the old-fashioned sweet apple, flesh is of fine texture, and the apples ripen early. Its value is recognized more and more every year. 3 to 4 ft., each, \$1.00; 5 for \$4.50.



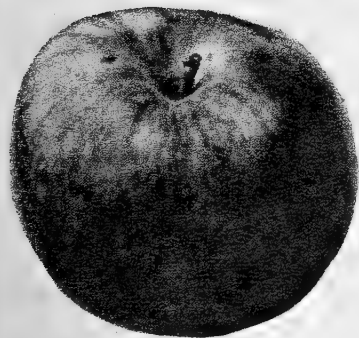
Breakey

MANTET. This is an introduction from the Dominion Horticultural Station at Morden, Manitoba, and a result of some of their extensive fruit breeding work. Mantet is to all intents an early, hardy McIntosh with the same deep red color. Ripens with the Duchess and is at its best till October. Sturdy trees and heavy bearing. 3 to 4 ft., each 90c; 5 for \$4.25.

HARALSON. A real winter apple, hardy enough for the Northwest. A Minn. Fruit Breeding Farm production. A strong grower, resistant to fire blight, bears early and yet the fruit keeps in good condition till spring. Apples are large and deep red, flavor excellent. Has proven very hardy. 3 to 4 ft., each, \$1.00; 5 for \$4.50.

BREAKEY. Another fine and very hardy apple from the Dominion Station at Morden. Medium in size; color, amber. Mostly covered with scarlet, striped. A delicious dessert apple from September to December, very juicy. An ornamental also with very large blossoms, 3 to 4 ft., each, 90c; 5 for \$4.25.

WEALTHY. Keeps till January and is ready to use by October. A Minnesota variety which has become a universal favorite. Tree of good habit, hardy, blight resistant. Bears many large dark red apples with crisp, sub-acid white flesh tinged with pink. Not as hardy as some of the new sorts but safe over most of the Northwest. 3 to 4 ft., each, 90c; 5 for \$4.25.



Red Duchess



Erickson

RED DUCHESS. This is much like the common Duchess but with a handsome red color, and of somewhat better quality. Early. 3 to 4 ft., each, \$1.00; 5 for \$4.50.

ANOKA. The earliest bearing of all large apples. Begins to fruit the year after it is planted and bears regularly thereafter. Should be replaced every 5 to 10 years as it is not long lived. Fruit resembles the Duchess. Hardy under severe conditions. A production of Dr. N. E. Hansen. Each, 3 to 4 ft., \$1.00; 5 for \$4.50.

ERICKSON. This is one of the best apples of Russian origin. Exceptionally large in size, it is also of fine flavor. Season somewhat longer than that of Duchess, it is of a beautiful and uniform red color when fully ripe. Season Sept. to Nov. Price, 3 to 4 ft., each, 90c; 5 for \$4.25.

LONGFIELD. The best dessert fruit of all the many Russian apples. Extremely hardy. Trees small, compact and productive. 3 to 4 ft., each, 90c; 5 for \$4.25.

All fruit trees are very scarce this year. Labor shortage has prevented propagating. After the limited number which we have grown is used up we shall have to refund.



Yeager Sweet

HARDY AND PROLIFIC CRAB APPLES



Red River

skin, solid flesh of good color. A long keeper. 3 to 4 ft. Each, 90c; 5 for \$4.25.

FLORENCE. A Minnesota variety which has proven particularly hardy in the Great Plains. A fine, handsome tree, with heavy crops of beautiful, round medium sized crab apples of very good flavor, 3 to 4 ft. Each 85c; 5 for \$4.00.



Sugar Crab

except in a favorable year. A fine shaped, upright tree of great sturdiness. An excellent pie apple. 3 to 4 ft. Each, 90c; 5 for \$4.25.

DOLGO. Dr. N. E. Hansen's wonderful production. Outstanding for hardiness, for ornamental value and for fruit. A sturdy, upright tree. A heavy bearer. Fruit of a very bright red color, somewhat oval, medium in size. Matures in September. 3 to 4 ft. Each, 85c; 5 for \$4.00.



Rosilda

WHITNEY. One of the largest and best flavored crabs for eating from the hand. Matures late August and possesses nearly all the qualifications for a perfect crab. Bears rather lightly on the Great Plains

MARTHA-DOLGO. A new cross between Dolgo and the large Crab, Martha. Has all the good qualities of Dolgo, is larger and better flavored. 3 to 4 ft. Each, 80c; 5 for \$3.75.

ROSILDA. Another extra hardy Canadian fruit, large, fine flavor and texture, mid-season. Considered superior for canning. A cross between Crab and McIntosh Apples. 3 to 4 ft. Each, 90c; 5 for \$4.25.

GOLDEN ANNIVERSARY. A seedling that appeared at our nursery some years ago. A very large, fine flavored crab, yellow with red blush. Very hardy. 3 to 4 ft. Each, 85c; 5 for \$4.00.

PRINTOSH. Like the Rosilda and Golden Anniversary, this is more of a small apple in flavor and appearance. One of the hardy Canadian sorts. 3 to 4 ft. Each, 85c; 5 for \$4.00.

SUGAR CRAB. One of Dr. Hansen's hardy crabs. A good yielder of fair sized fruits with exactly the flavor of the old fashioned sweet apples. 3 to 4 feet. Each, 80c; 5 for \$3.75.

RED RIVER. Dr. Yeager's fine crab. A cross between Dolgo crab and Delicious apple. Wonderful quality and flavor as an eating apple. A late large crab, round to oval; bright red



Dolgo

TRAIL. One of the hardiest, best quality and most popular of the Canadian introductions. 3 to 4 ft. Each 90c; 5 for \$4.25.

PYRUS BACCATA. The Siberian cherry apple. Hardest of the apple family. A handsome ornamental and useful as a root stock for more tender sorts. Makes good jelly. 3 to 4 ft. Each, 60c; 5 for \$2.75.

SIBERIAN CRAB. Perhaps the hardest of all crabs and an annual bearer. Sturdy handsome tree. A heavy yielder of small yellow fruits. 3 to 4 ft. Each, 85c; 5 for \$4.00.



Golden Anniversary

ORNAMENTAL FLOWERING CRABS

These are all perfectly hardy and not even the famous Japanese Cherries of Washington, D. C., can equal them in their beauty, which persists throughout the season in fruit and foliage. 3 to 4 ft. Each, 90c; one of each of the six, \$5.00.

HOPA. Dark red flowers, fruit and foliage.

SCUGOG. A beautiful Canadian crab with very large bright red flowers and good-sized fruit with pink flesh.

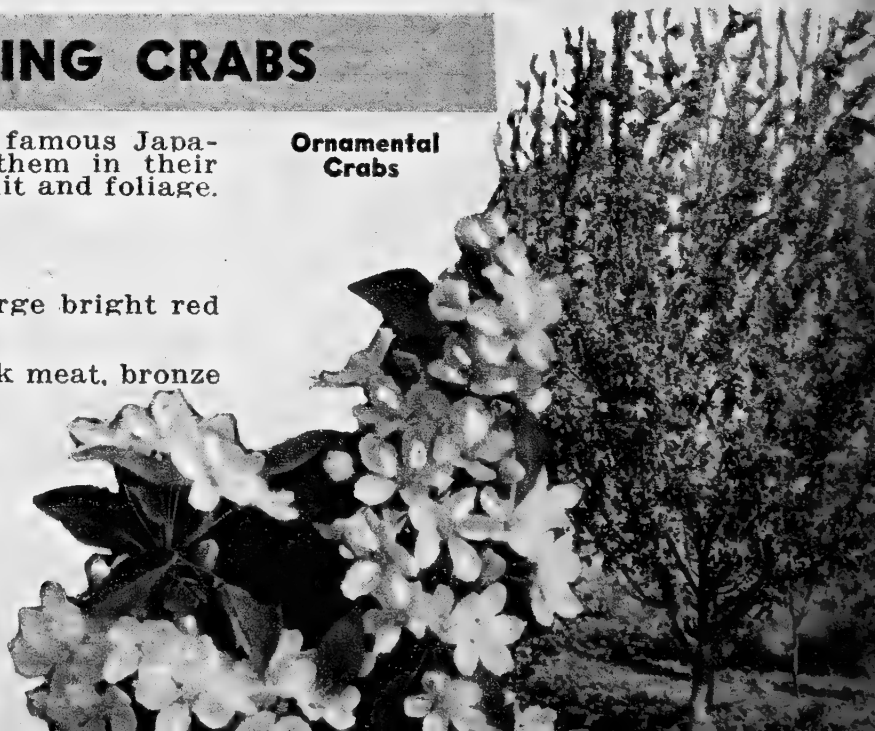
RED FLESH. Red flowers, dark red fruits with pink meat, bronze leaves. Hardy.

PINK EYE. A selection from the baccata cherry apple. Large white blooms with pink center.

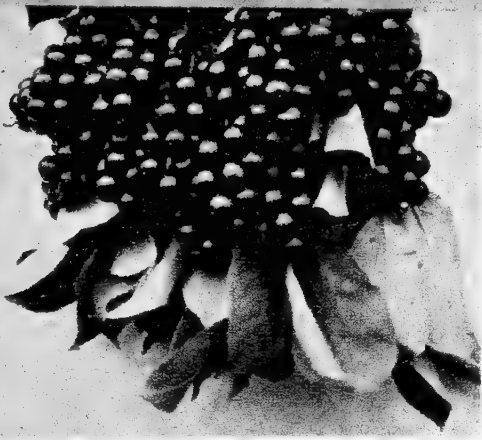
REDTIP. Large, dark pink flowers, with good sized dark red fruits, colored to the heart of the apple. Excellent for jams, etc.

MINNESOTA WILD CRAB. The western wild crab at its hardest, with dense masses of pink bloom.

Ornamental Crabs



CHERRIES and CHERRY HYBRIDS



Chokecherry

SAND CHERRY (*Prunus besseyi*). The native bush cherry of the Great Plains. Fruit almost the size of a sour cherry, black and often very fine flavored. Always good in jam and jelly. A low bush, may be planted 3 to 4 ft. apart and will produce a tremendous quantity of fruit. 18 to 24 in., each 45c; 10, \$4.00.

WESTERN CHOKECHERRY (*Prunus melanocarpa*). Larger and sweeter than the eastern chokecherry. A tremendous bearer. One of our very hardiest natives, useful as an ornamental, in shelter belts and for its fruit which makes perhaps the most delicious of all jellies and syrups. It is becoming more valued and appreciated yearly. 3 to 4 ft., each, 40c; 10, \$3.70.

YELLOW FRUITED CHOKECHERRY. Same as above except for fruit color. Each, 3 to 4 ft., 50c; 10, \$4.00.



Sand Cherry

Hybrid Cherries are very short this year and most varieties will not be available till the fall of 1945. Heavy spring sales and shortage of skilled labor prevented propagation.

HYBRID CHERRIES All that we have this season

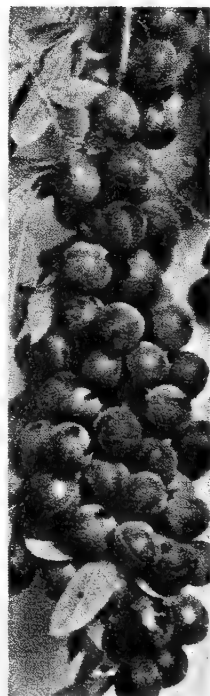
COMPASS. The oldest and best known of the sand cherry hybrids. Ripens late July or August. Fruit bright red when mature, nearly an inch long, oval, pleasant to eat fresh; unrivalled for sauce, jelly or jam. Hardy throughout the whole Northwest. 3 to 4 ft., each, \$1.00.

OKA. Another Hansen fruit. A fine large cherry, borne on a tree instead of a bush. Quite variable in performance, depending on local conditions. At its best it is perhaps the finest of the type. The fruit is very large for a cherry, a rich purple in color, skin thin, flesh red, delicious flavor. Fruit hangs to tree and cures there like a dried prune. 3 to 4 ft., each, \$1.00.

We are sorry that we can supply no more from the list of hardy, adapted cherries that we usually grow. We have a full list budded for 1946 planting.



Oka



Compass

ORNAMENTAL CHERRIES

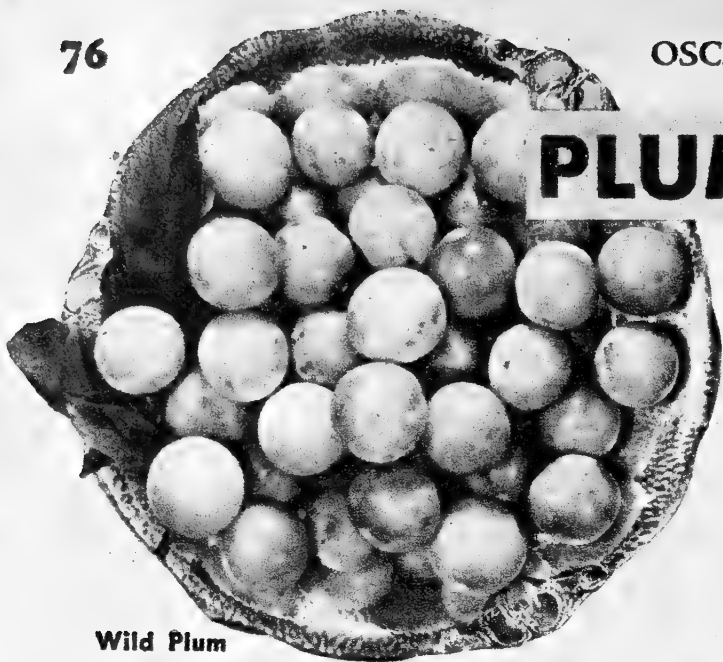
PURPLE LEAVED SANDCHERRY—CISTENA. Grows 3 to 4 ft. high, spreading about the same. Foliage of a rich dark red, which makes a valuable contrast in shrub plantings. 2 to 3 ft., each, 75c; 5 for \$3.50.

PRUNUS JAPONICA. A shrub to 5 ft. tall, broad and graceful, white to pink flowers in early spring, followed in August by tremendous numbers of bright red fruits. 18 to 24 in., each, \$6.00.

PURPLE LEAVED CHOKECHERRY. This is something entirely new in ornamentals, discovered by our nursery chief, Mr. Schubert, several years ago. It leaves out green in the spring and gradually turns to a dark purple during the summer. Very striking. 2 to 3 ft., each, \$1.00; 5 for \$4.50.

For Double Flowering Plum see page 65.

PLUMS and PLUM HYBRIDS



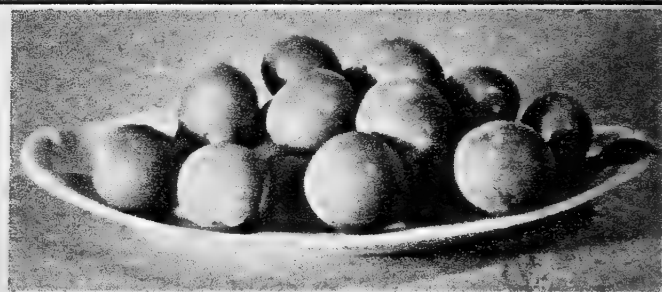
Wild Plum

Hardy Quality Varieties for the Northern Plains
Plant Several Types Together or Plant with Cherries to Insure Pollination

WILD PLUM. This hardy native is rapidly acquiring popularity for its value as a shelter belt tree as well as an ornamental and a producer of fruit. We offer very thrifty stock from native seed. Wonderful for sauce, jam and jelly. 3 to 4 ft. Each, 50c; 10, \$4.75. See page 61 for seedlings.

Very heavy sales last spring and shortage of skilled help has led to an extreme shortage of fruit trees and particularly plums and cherries. Our list is short and no other varieties will be available till the fall of 1945.

OPATA. A cross between sandcherry and Gold Plum by Dr. N. E. Hansen. The most widely used of the Hansen Hybrids. Head low, trim out old wood as it bears on the new wood. A round fruit 1 to 1½ in. in diameter, with green flesh. A very nice flavor and wonderful for canning. Ripens in early August. 3 to 4 ft. Price, each, \$1.00; 5 for \$4.50.



Radisson



Dura

UNDERWOOD. Many of the Minnesota plums are not adapted to the Great Plains. Long trials of Underwood, however, have sufficed to prove its hardiness. In flavor it equals the Japanese plums, size is intermediate, trees strong and thrifty and bear annually. Fruit is dark red and sweet, ripens in late August, and is an excellent keeper. 3 to 4 ft. Each, \$1.00; 5 for \$4.50.

DURA. The Dominion authorities have so named the fine P-4A-18 Sapa seedling in recognition of its long lasting qualities after it is ripe. A beautiful fruit; bears tremendous crops of large

mottled plums with rich dark purple flesh and very small pits. A week or more later than Sapa. Fruit hangs to the tree for a long time, and shrivels without spoiling. 3 to 4 ft., each, \$1.20; 5 for \$5.50.

RADISSON. Another extra hardy Minnesota plum. An early variety, fairly large, with good tree form. Fruit is a handsome red and the quality very high. 3 to 4 ft. Each, \$1.20; 5 for \$5.50.



Opata

SPLENDID. Of Minnesota origin, Mr. Gerbracht of Hettinger, N. D., has found this plum to be perfectly hardy, a steady

bearer and more adapted in every way to high plains conditions than any other large, quality plum he has tried. Fruit large, dark red to purple, with delicious yellow flesh. 3 to 4 ft., each, \$1.25; 5 for \$6.00.

HARDY APRICOT

MANCHURIAN. A very hardy North Asiatic apricot. Fruit about 1 inch long, stone small, flesh sweet and pleasing, parent of the hardiest named varieties and pollenizes for them, but a useful fruit in itself. Each, 3 to 4 ft., 85c; 5 for \$4.00.

We can offer no Scout or other named variety until the fall of 1945.



Underwood

CHOICE SEED POTATOES

Prices subject to change. Write for our Blue Price List and Prices on Larger Lots

WARBA. A cross between Triumph and a Minnesota seedling. Round, white, with pink eyes. Early and a very heavy yielder. Resistant to mosaic and hot, dry weather. Price F. O. B. here, 1 pk., 60c; ½ bu., \$1.10; bu., \$2.00.

CHIPPEWA. Probably the best quality and heaviest yielding of the medium late white potatoes. F. O. B. here, 1 pk., 60c; ½ bu., \$1.10; bu., \$2.00.

TRIUMPH. An early, round red potato much sought in the south for winter growing. Uniform in size and shape and a very heavy yielder. F. O. B. here, pk., 60c; ½ bu., \$1.10; bu., \$2.00.

EARLY OHIO. The old favorite. Stands more drouth and hot weather than any sort we know. F. O. B. here, pk., 60c; ½ bu., \$1.10; bu., \$2.00.

EARLY IDAHO. (Earliest of All.) Once more we are able to offer this specialty of ours. A medium size, pink, oblong potato ripening in a compact mass in the hill. Matures in 60 days. F. O. B. here, pk., 60c; ½ bu., \$1.10; bu., \$2.00.

IRISH COBBLER. A medium late or main crop sort. Yields very heavily under good conditions. A round, flattened potato of large size with many to the hill. F. O. B. here, pk., 60c; ½ bu., \$1.10; 1 bu., \$2.00.

BLUE SALAD POTATOES. A novelty for the home garden. See page 3. 1 lb. Postpaid, 30c; F. O. B. here, 5 lbs., 50c.



Warbas



POTATO EYES

We can furnish carefully cut eyes from any of the above varieties. These dry out in very dry weather quicker than larger pieces but otherwise are very satisfactory. They save considerable in transportation costs. Price, 100 postpaid, 75c; 1000, \$6.50. F. O. B. here, 1000, \$5.50.

LANG'S HAND WEEDER

HANDIEST TOOL ON EARTH.

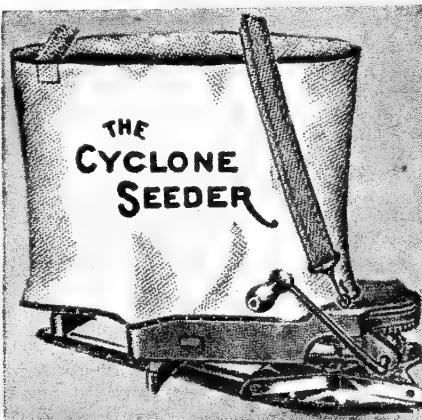


The ideal tool for the flower bed or small garden. A necessity to every gardener. Price, postpaid, 25c each; \$2.50 per doz.

DOWAX. To spray on evergreen and other Nursery Stock for winter protection. Price, F. O. B. here, 1 lb., 45c; 5 lbs @ 42c.

NEW SEAMLESS COTTON GRAIN SACKS, F. O. B. here. Lots of 1 to 25, 50c each; bale of 100, \$46.00.

ROOT GROWTH STIMULATOR. The newest marvel in chemical application to roots, plants, bulbs, etc. Stimulates root growth to an unbelievable extent and permits the quick rooting of cuttings. Minimum size package will treat several hundred items. Each, \$1.00; postpaid, \$1.10.



To broadcast Grain, Grass and Clover Seed. Also to Seed Onions and Rutabaga. Full instructions and directions on every machine. Price, postpaid, each, \$2.75; F. O. B. Bismarck, \$2.60.

HORMEX. The hormone spray. Stops pre-harvest drop of apples and fruits. Contains the same chemicals found by the United States Department of Agriculture to be most effective. Holds apples on the tree to maturity of size and color. Also can be used to reduce drop of garden flower buds and blossoms. Garden package, postpaid, 50c.

VITAMIN B1—GROWTH STIMULANT

To be dissolved in water and used indoors on house plants as well as on plants growing outside. B1 Tablets, pkg., 25c; 27c postpaid.

Fertilizers for All Purposes

Prices Subject to Change Without Notice.

Experiments during the past few years have shown that **phosphorus is the most needed element** in most prairie soils.

The three necessary elements in plant growth which are not always present in the soil are nitrogen, which stimulates luxurious growth; phosphorus, which has a tendency to force bearing and hasten maturity, and potash which stimulates growth, delays maturity of grains and grasses but hastens maturity in root crops. For gardens, yards, lawns and small intensively cultivated areas the ready prepared fertilizers such as **Vigoro** are the most economical and convenient to use and the best adapted.

VIGORO

Complete plant food

For lawn, flowers, small fruits and the vegetable garden **Vigoro** is the ideal fertilizer. Apply it to the lawn in early spring and watch the grass turn green and grow luxuriously. It improves both the quality and quantity of all kinds of flowers, both annual and perennial and will add greatly to the



quality and the production of your vegetables, small fruits and ornamental shrubs.

Vigoro contains all the 11 elements needed for proper plant nourishment.

Use 4 lbs. to 100 Sq. Ft.—Prices F. O. B. Here, 100 lbs., \$4.00; 50 lbs., \$2.50; 25 lbs., \$1.50; 10 lbs., 85c; 5 lbs., 45c; 1 lb., 10c, postpaid 18c.

VICTORY GARDEN VIGORO should be used on vegetable gardens only. 100 lbs., \$3.70; 50 lbs., \$2.35; 25 lbs., \$1.45; 10 lbs., 80c; 5 lbs., 43c.

PULVERIZED SHEEP MANURE. This is by far the most concentrated of the cheaper fertilizers and is adapted especially for garden and lawn use. Use from 5 to 10 lbs. per 100 square feet. Price, 10 lbs., 40c; 25 lbs., 50c; 50 lbs., 70c; 100 lbs., \$1.00; 500 lbs., \$4.75; 1000 lbs., \$9.25; ton, \$18.00.

SUPERPHOSPHATE. Phosphorus is said to be the element the most likely to be lacking in the prairie soils of the Northwest, and is not supplied in any form by applying vegetable matter by turning under or otherwise. Use one to two hundred pounds per acre. It may be broadcasted on. Price 20% formula, 10 lbs., 40c; 50 lbs., \$1.40; 100 lbs., \$2.50. Write for quantity prices.

HYPONEX, FOOD, DRINK AND MEDICINE FOR PLANT LIFE

With Hyponex-and-water, plants grow luxuriantly, flower abundantly and develop sturdy growth regardless of the poorness or sterility of the soil.

In fact, with Hyponex they will grow and flourish in clean sand, cinders or barren earth. Hyponex is ideal for hydroponics—the science of

growing plants without soil.

A teaspoonful makes a gallon of liquid plant food, which is enough for one watering of house plants in the average home. A 1 lb. can is sufficient to make 100 gallons. 1 oz., postpaid, 13c; 3 oz., 30c; 1 lb., \$1.15.

Write for information on Garden Seeders and Cultivators, Sprayers, Dusters, etc.

NITRAGIN INOCULANT



Type "A," Alfalfa and Sweet Clover, 1 Bu. size, 50c; 2½ Bu. size, \$1.00.
Type "B," Alsike, Red and other Clovers, 1 Bu. size, 50c; 2½ Bu. size, \$1.00.
Type "C," Peas, Garden, Sweet, Field, 100 Lb. size, 50c.
Type "D," Field and Garden Beans, 1 Bu. size, 35c.
Type "L," Lespedeza, 100 Lb. size, 50c.
Type "S," Soy Beans, 120 Lb. size, 30c; 300 Lb. size, 55c; 25 Bu. size, \$2.50.

Add 7c
per pkg. for
postage

Garden Size for all Garden Legumes. Enough for 6 Lbs. Seed. Pkg. each, postpaid, 12c; F.O.B. here, 10c.

FOR TREATING SEED GRAIN, POTATOES, CORN, ETC.

CERESAN

For Grain

For wheat, oats and barley smut control. F. O. B. Bismarck, 4 oz., 30c; 1 lb., 80c; 4 lb., \$2.70; 25 lbs., \$15.00.

SEMESAN

For Garden and Flower Seeds and Bulbs. Price F. O. B. Bismarck, ½ oz. pkt., 10c; 2 oz., 40c; 12 oz., \$1.88. Postpaid ½ oz. pkt., 12c; 2 oz. pkt., 43c.

SEMESAN, JR.

For Corn

For Corn diseases. F. O. B. Bismarck, 1½ oz., 15c; 12 oz., 58c; 6¼ lbs., \$3.75.

SEMESAN, BEL

For Potatoes

Offers greater control of seed potato diseases. F. O. B. Bismarck, 2 oz., 30c; 1 lb., \$1.65; 4 lbs., \$5.70; 25 lbs., \$33.25.

INSECTICIDES-FUNGICIDES-RODENT BAIT

Prices Subject to Change—Ask for Prices on Larger Lots
All Prices F.O.B. Bismarck Unless Otherwise Stated. All Mailable

WHAT TO USE FOR INSECTS:

Ants—Cyanogas Ant Killer.
Aphids—Fish Oil Soap; Black Leaf "40"; Tobacco Dust; Garden Guard; Bugex.
Blister Beetles—Sodium Fluoride; Garden Guard; Bugex.
Caterpillars—Garden Guard; Any Arsenical; Bugex.
Cut Worms—Will's Cut Worm Bait; Carco.
Flea Beetles—Garden Guard; Kryocide D-50.
Grasshoppers—Will's Cut Worm and Hopper Bait.
Leafhoppers—Garden Guard; Black Leaf "40"; Bugex; Lime Sulphur.
Lice on plants, same as for Aphids. On Cattle—Sodium Fluoride—On Chickens—Will's Louse Powder.
Mites—Same as for Aphids.
Potato Bugs—Red River Potato Mix; London Purple; Paris Green; Arsenate of Lead; Calcium Arsenate.

FOR FUNGUS & BLIGHT:

Bordeaux Mixture; Lime Sulphur; Dusting Sulphur; Tomato Dust.

FOR PLANT DISEASE:

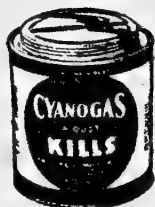
Wheat Smut—New Improved Ceresan.
Corn Diseases—Semesan, Jr.
Potato Diseases—Semesan, Bel.
Garden and Flower Seeds—Bulbs—Semesan.

FOR RODENTS:

Gophers—Will's Gopher Poison.
Rats—Topzol.
Mice—Sanaseed.

FOR WEEDS:

Dupont Ammate Weed Killer



(Items marked with (P) are poisonous. Non-poisonous items are marked (NP.).)

North Dakota customers must add 2% sales tax on insecticides.

CYANO GAS ANT KILLER. 4-oz. bottle—enough to kill a million ants. F. O. B. here, 30c.

CYANO GAS A-DUST. A gas producing powder—kills all burrowing pests. F. O. B. here 1 lb., 75c; 5 lbs., \$3.00.

CYANO GAS G-FUMIGANT. For fumigating flour mills, grain warehouses and greenhouses. F. O. B. here, 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00.

ARSENATE OF LEAD. (P.) Primarily used against leaf eating and soil insects. F. O. B. here, 1 lb., 33c; 4 lbs., 75c.

BLACK LEAF "40." (P.) For Aphids. A fine sheep dip, poultry Roost paint against lice and general contact spray. Keeps dogs from shrubs and trees. Price, postpaid, 1 oz. bottle (makes 6 gallons), 40c. F. O. B. here, 1 oz. bottle, 35c; 5 oz., bottle, \$1.05.

BORDEAUX MIXTURE. (P.) Controls scab, rust, rot, blight, mildew, leaf spot, anthracnose and other fungus disease of fruit and truck crops. Prices, postpaid, 1 lb., 40c. F. O. B. here, 1 lb., 32c; 4 lbs., 69c.

WILL'S NEW IMPROVED BUGEX

PROTECTS YOUR PLANTS

Non-Poisonous—Safe—Effective—Economical

A Non-Poisonous Dusting Powder for the control of a wide range of insect pests in your garden. Contains Rotenone. BUGEX Dusting Powder is a very uniform product of High Killing Power—Stabilized thus retaining its active power longer than ordinary. Price, F. O. B. here, 22 oz. pkg., 45c; postpaid, 60c.

CALCIUM ARSENATE. (P.) A strong, inexpensive insecticide used on hardy foliage such as potatoes. Prices, postpaid, 1 lb., 35c. F. O. B. here, 1 lb., 26c; 4 lbs., 50c.

CARBOLA. (P.) The disinfecting White Paint and Dusting Powder for chicken coop and barn. Brush or spray. Prices, F. O. B. here, 5 lbs., 65c; 10 lbs., \$1.20; 50 lbs., \$5.00.

CARCO. (P.) A soil spray against cut worm and other ground pests. 1 pt. makes 8½ gallons of solution. Postpaid 90c pint. F. O. B. here, 75c pint.

CUT WORM AND HOPPER BAIT. (P.) Dry bait—sure death to Hoppers, cut worms, snails, etc. Prices, postpaid, 1 lb., 27c; 5 lbs., \$1.00. F. O. B. here, 1 lb., 20c; 5 lbs., 75c.

CROW REPELLENT. (P.) A repellent which crows, blackbirds, moles, pheasants, larks, gophers and squirrels hate, hence will not touch treated seeds; is economical, costing about 10 cents per acre of planted ground, and is easy to use. This is the most effective of all crow repellents. 1 bu. size (to treat in seed), 40c; postpaid, 50c.

CUPROCID. (P.) A copper fungus killer particularly useful for tomato blight. Pkg. to make 2 gals. of solution, 10c; postpaid, 13c.

DUPONT AMMATE WEED KILLER. (P.) A new very effective weed killer. Kills poison ivy, brush and trees as well as weeds. 2 lb. pkg., 75c; postpaid, 90c; 10 lb. pkg., \$3.00.

DOWAX. Winter spray for trees. See page 78.

DRESSING & PRUNING PAINT. (NP.) For all tree wounds, whatever the cause. Price, postpaid, ½ pt., 32c; pt., 50c. F. O. B. here, ½ pt., 28c; pt., 43c; qt., 72c.

DRY LIME SULPHUR. (NP.) Very dependable dormant insecticide and fungicide. A repellent for rabbits when painted on young trees. Price, postpaid, 1 lb., 42c. F. O. B. here, 1 lb., 36c; 5 lbs., \$1.50.

DUSTING SULPHUR. (NP.) For mildew on roses and other fungus diseases. Price, postpaid, 1 lb., 25c; 3 lbs., 65c. F. O. B. here, 1 lb., 20c; 3 lbs., 55c.

EMO-NIK. (P.) An oily spray especially good for red spider, but also against Aphids, Mealy Bug, Mildew, White Fly, Scale, etc. 4½ oz. bottle, postpaid, each, 42c. F. O. B. here, 35c.

FISH OIL SOAP. (NP.) Used to wash plants and as spreader for insecticides. Kills Aphids. Postpaid 1 lb., 43c. F. O. B. here, 1 lb., 35c.

GARDEN GUARD. (NP.) A non-poisonous dusting powder. Every particle active. Gives immediate control over many insects, including such hard-to-kill bugs as Squash Bugs and cucumber beetles. A light dusting in your vegetable and flower garden will bring quick results. Price, postpaid, 1 lb., 45c; 6 lbs., \$1.25. F. O. B. here, 1 lb., 35c; 6 lbs., \$1.05.

GOPHER & GENERAL RODENT POISON. Extra strength poisoned oats for exterminating all sorts of rodents—gophers, rats, mice, prairie dogs, etc. F. O. B. here, 8 lb. sack, 85c; 16 lb. sack, \$1.70; 32 lbs., \$3.20.

For either dusting or spraying. A remedy against biting and chewing insects on cabbage, cucumber, potatoes, tomatoes, etc. 1 lb., 35c; postpaid, 45c.

KRYOCIDE D-50. A mixed dust for all chewing and biting insects and a fungus or blight killer also. 1 lb., 50c; postpaid, 60c.
LONDON PURPLE. (P.) A high grade, quick-acting arsenical potato poison. Prices, postpaid, ¼ lb., 20c; 1 lb., 38c. F. O. B. here, ¼ lb., 15c; 1 lb., 31c; 4 lbs., 50c.

PARIS GREEN. (P.) Powerful, quick-acting potato bug dope. Price, postpaid, ¼ lb., 23c; 1 lb., 63c. F. O. B. here, 1 lb., 55c; 5 lbs., \$2.35.

NNR ROTENONE SPRAY, for all common garden pests—aphids, worms, beetles, weevils, etc. 1 oz. bottle, 35c; postpaid, 40c; 6 oz., \$1.00; postpaid, \$1.10.

POTATO MIX, RED RIVER. (P.) Potato spray containing both copper and an arsenical. Controls insects and disease. Price, postpaid, 1 lb., 43c. F. O. B. here, 1 lb., 31c; 4 lbs., 85c.

RAT BAIT—Topzol. (NP.) Not harmful to man and domestic animals. Red Squill Baits packed individually. Scent-proof. Price, postpaid, pkg., 24c. F. O. B. here, 20c.

SANASEED—Mouse Seed. (P.) Natural mouse feed. Very attractive to mice. Price, postpaid, pkg., 17c. F. O. B. here, 15c.

SODIUM FLUORIDE. (P.) Fine against roaches and stock lice. Price, postpaid, 1 lb., 38c. F. O. B. here, 1 lb., 30c.

TOMATO DUST. (P.) A combination remedy against both tomato blight and general insect damage. 1 lb., 50c; postpaid, 60c.

TOBACCO DUST. (P.) Excellent against aphids and plant lice. Price, postpaid, 1 lb., 20c. F. O. B. here, 1 lb., 12c; 5 lbs., 50c.

WEED KILLER. F. O. B. here, qt., 53c; gal., \$1.57.

MANAMAR FEEDS & OTHER FEED ITEMS

Owing to the great uncertainty of feed prices and supplies we are quoting none in our catalog.

Please write for price list on our line of Pioneer Brand Manamar Feeds, Concentrates, Minerals, Oyster Shells, etc.

We can also quote on poultry founts, feeders, brooders, etc., upon request.

We expect to have prices too on sprayers, garden seeders and cultivators.

GAINES ANTARCTIC TESTED DOG FOOD

GAINES MEAL. F. O. B. here, 2 lbs., 25c; 5 lbs., 57c; 10 lbs., \$1.11; 25 lbs., \$2.37; 50 lbs., \$4.42.

GAINES KRUNCHEONS. F. O. B. here, 1 lb., 27c; 5 lbs., 59c; 10 lbs., \$1.18; 25 lbs., \$2.50; 50 lbs., \$4.77.

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Coreopsis	6			Prunus Triloba	63	Zinnia	11
Corn, Field	3, 47, 48, 49, 50, 51			Pumpkins	31		
Corn, Sweet	24, 25						
Cornflower	5						
Corn, Pop	27						
Cosmos	6						
Cotoneaster	62, 65						

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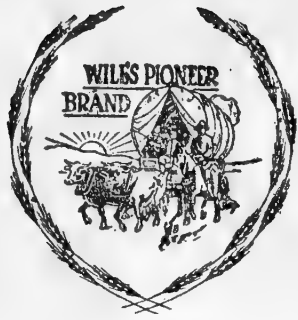
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Write for Prices on Large Lots.

We give no warranty, express or implied, as to description, quality, productiveness, or any other matter, of any seeds, trees or plants we send out, and we will not be in any way responsible for the crop, but are always willing to give attention to just claims and to make right errors and faults in filling and handling orders.—OSCAR H. WILL & CO.

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GRIMM (Registered)	100 lbs.	SOLD OUT
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N. W. GROWN (Common)		50.00

Write for prices on other kinds.

BARLEY

WISCONSIN No. 38	BU	2.00
SPARTON		1.75
TREGAL		SOLD OUT
PLUSH		SOLD OUT
L		SOLD OUT

BEANS

GREAT NORTHERN	100 lbs.	11.50
GREAT NORTHERN IDAHO 56		12.00

BUCKWHEAT

PIONEER BRAND	100 lbs	5.00
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CLOVER

MIXED SWEET	100 lbs.	SOLD OUT
WHITE SWEET 70 per cent Germ.		SOLD OUT
YELLOW SWEET		17.00
ALSIKE		SOLD OUT
MEDIUM RED		SOLD OUT
STRAWBERRY CLOVER	Per lb.	SOLD OUT
WHITE LAWN	5 lbs.	4.75

HYBRID CORN

HYBRID, No. Dak 203		10.00
ALL OTHER HYBRIDS		SOLD OUT

CORN

FALCONER		SOLD OUT
N. W. DENT		5.00
ALTA DENT		5.00
MINNESOTA 13, EARLY		5.00
PIONEER DENT		SOLD OUT
CRIMMINS RUSTLER		5.00
SQUARE DEAL		5.00
RAINBOW FLINT, GREAT PLAINS		5.00
DAKOTA WHITE FLINT		SOLD OUT
GEHU FLINT		SOLD OUT
WHITE FLOUR		SOLD OUT
MERCER YELLOW FLINT		5.00
BURLEIGH CO. or Dak. Squaw Flint		SOLD OUT
ACME FODDER CORN		3.75
4X FODDER CORN		2.50
SWEET FODDER CORN, per pound		17c

GRASS

BROMUS INERMIS	100 lbs.	16.50
CRESTED WHEAT, STANDARD		16.00
CRESTED WHEAT FAIRWAY		17.00
MEADOW FESCUE		SOLD OUT
TIMOTHY		10.00
REED CANARY		45.00
WESTERN RYE or SLENDER WHEAT		14.00
DAKOTA LAWN	10 lbs.	3.50
EMERALD LAWN	10 lbs.	3.90
KENTUCKY BLUE	10 lbs.	4.16
RED TOP	10 lbs.	SOLD OUT
BUFFALO GRASS PLANTS	100	65c
BUFFALO GRASS SEED	Per lb.	1.00

FLAX

WALSH		5.00
ROYAL		6.00
VIKING OR GOLDEN		5.00
VICTORY		7.00

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MILLET—HAY

GERMAN S. G.	100 lbs.	SOLD OUT
HUNGARIAN		4.00
JAPANESE		5.00
DAKOTA KURSK		5.00
SIBERIAN		4.00
WHITE WONDER		SOLD OUT

MILLET—PROSO

BLACK VORONESH	100 lbs.	SOLD OUT
CROWN		4.00
EARLY FORTUNE		3.00
TURGHAI		3.75
BROOM CORN—YELLOW PROSO		2.50

OATS

MARION	Bu.	1.25
GOPHER		1.00
VICLAND		1.25
AJAX		2.00

ONION SETS

PEAS

EY. CANADA FIELD	100 lbs.	8.00
MARROWFAT		9.00
AUSTRIAN WINTER		7.50

POTATOES

		Not Certified	Certified
CHIPPEWA	Bu.		SOLD OUT
EARLY OHIO			SOLD OUT
EARLY IDAHO			SOLD OUT
IRISH COBBLER			SOLD OUT
RUSSET			SOLD OUT
WARBA			SOLD OUT
TRIUMPH, Red Tag			SOLD OUT

RAPE

DWARF ESSEX	100 lbs.	22.00
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RYE

COMMON SPRING	Bu.	SOLD OUT
PROLIFIC SPRING		2.00
DAKOLD WINTER		2.00

SORGHUM

EARLY AMBER CANE	100 lbs.	7.50
LOW PRUSSIC ACID		8.00
MILO, EXTRA EARLY		7.00
SUDAN GRASS		10.00

SOY BEANS

MINNSOY	100 lbs.	6.00
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SPELTZ

	100 lbs.	3.00
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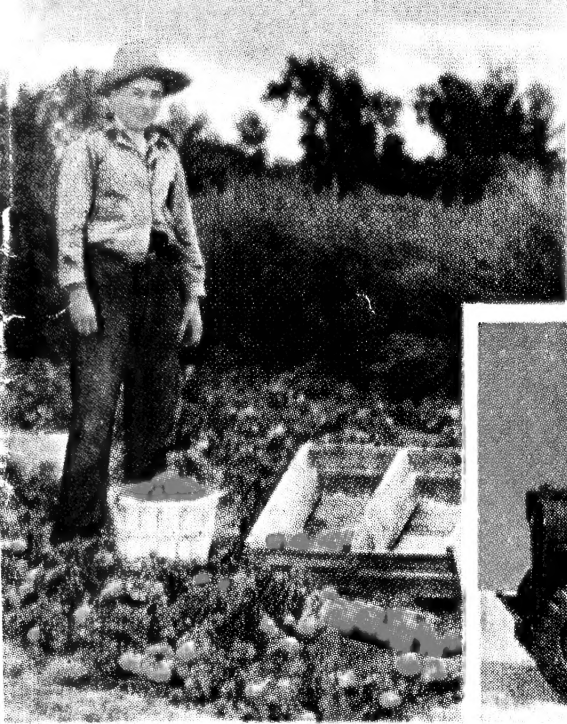
WHEAT

VESTA		SOLD OUT
PILOT		2.50
RED DURUM		2.25
KUBANKA		2.50
RIVAL		2.50
REGENT		2.50
STEWART		SOLD OUT
PILOT 13		SOLD OUT
MIDA		SOLD OUT

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This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



CHATHAM. The earliest good sized, high quality and delicious flavored tomato. See page 45.

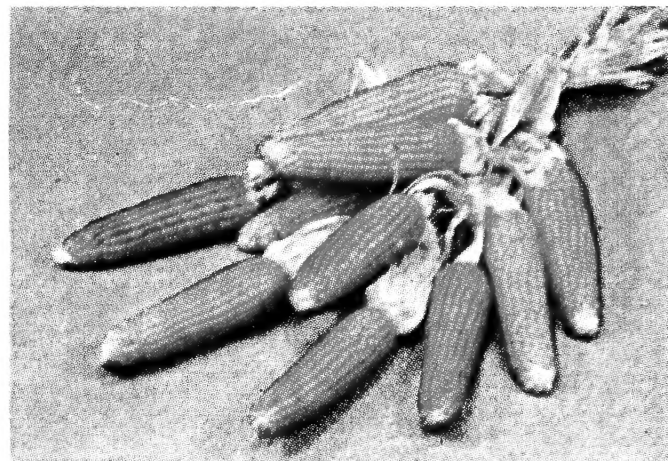


PIONEER. Main Crop Sweet Corn. See page 25.

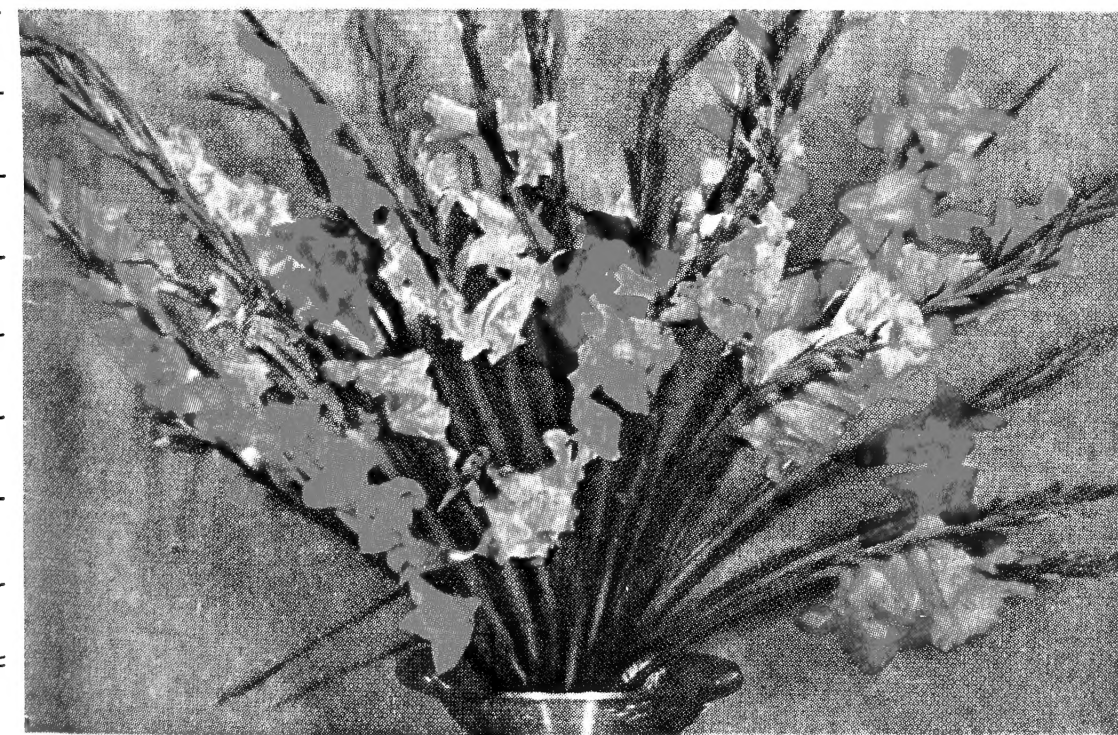


ORANGE KING. Dr. Yeager's new orange tomato. See page 44.

BANQUET SQUASH. Early, Prolific, Delicious. See page 43.



DR. YEAGER'S PINKY POP CORN. For description see page 27.



GLADIOLII. See page 57 for our fine list of varieties.



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See page 67.



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HOME GARDEN COLLECTION

Planned for a garden 25x80 feet in 25 foot rows, with cultural leaflet included. Amount, variety, space required, distance between rows, and prices are shown in the following:

1/4 lb. Beans, Top Notch Golden Wax, 2 rows, 2 feet..	\$.15	1 pkt. Parsnip, Hollow Crown, 1 row, 18 inches.....	.06
1/4 lb. Beans, Green Pod Stringless, 1 row, 2 feet.....	.15	1/2 lb. Peas, Laxton's Progress, 2 rows, 18 inches.....	.27
1 oz. Beets, Detroit Dark Red, 3 rows, 18 inches.....	.21	1/2 lb. Peas, Lincoln, 2 rows, 2 feet.....	.27
1 pkt. Cabbage, Copenhagen Market, 3 rows, 2 feet..	.10	1 oz. Radish, Will's Early Carmine, 2 rows, 1 foot....	.12
2 pkts. Carrot, Danvers Half Long, 2 rows, 18 inches..	.20	1 pkt. Squash, Banquet, 1 row, 5 feet.....	.10
1/2 lb. Sweet Corn, Golden Bantam, 8 rows, 3 feet....	.21	1 pkt. Swiss Chard, Lucullus, 1 row, 18 inches.....	.10
1 pkt. Cucumber, Early Fortune, 1 row, 5 feet.....	.10	1 pkt. Tomato, Victor, 3 rows, 3 feet.....	.10
1 pkt. Lettuce, Early Curled Simpson, 1 row, 1 foot...	.05		
2 pkts. Onion, Will's Dakota Globe, 2 rows, 18 inches	.20		

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